



February 3, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: 11-9-9-16, 12-9-9-16, 13-9-9-16, 14-9-9-16,
and 15-9-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 12-9-9-16 location is an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

A handwritten signature in cursive script that reads "Mandie Crozier".

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
FEB 06 2006
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-79831

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
N/A

8. Lease Name and Well No.
Federal 14-9-9-16

1a. Type of Work: DRILL REENTER

1b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface SE/SW 718' FSL 1976' FWL 574556X 40.040079
At proposed prod. zone 44323614 - 110.126088

14. Distance in miles and direction from nearest town or post office*
Approximatley 17.4 miles southwest of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 656' f/lse, NA' f/unit

16. No. of Acres in lease
120.00

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1270'

19. Proposed Depth
6095'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5814' GL

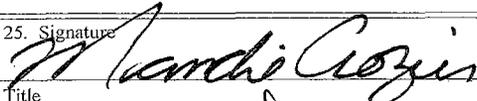
22. Approximate date work will start*
1st Quarter 2006

23. Estimated duration
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature  Name (Printed/Typed) Mandie Crozier Date 2/2/06
Title Regulatory Specialist

Approved by  Name (Printed/Typed) BRADLEY G. HILL Date 02-02-06
Title ENVIRONMENTAL SCIENTIST III

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED

FEB 06 2006

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
FEDERAL #14-9-9-16
SE/SW SECTION 9, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2440'
Green River	2440'
Wasatch	6095'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2440' – 6095' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY
FEDERAL #14-9-9-16
SE/SW SECTION 9, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #14-9-9-16 located in the SE 1/4 SW 1/4 Section 9, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 0.4 miles \pm to it's junction with an existing road to the north; proceed northeasterly - 3.0 miles \pm to it's junction an existing road to the southeast; proceed southeasterly - 0.6 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly - 0.4 miles \pm to it's junction with the beginning of the proposed access road; proceed westerly along the proposed access road - 0.5 miles \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. Arch Report #1030-01, 4/23/98. Paleontological Resource Survey prepared by, Wade E. Miller, 9/28/05. See attached report cover pages, Exhibit "D".

For the Federal #14-9-9-16 Newfield Production Company requests a 690' ROW be granted in Lease UTU-40894 and 2130' of disturbed area be granted in Lease UTU-79831 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 690' ROW be granted in Lease UTU-40894 and 2130' of disturbed area be granted in Lease UTU-79831 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Amy Torres to advise.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Crested Wheatgrass	<i>Agropyron Cristatum</i>	4 lbs/acre
Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre

Details of the On-Site Inspection

The proposed Federal #14-9-9-16 was on-sited on 11/30/05. The following were present; Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

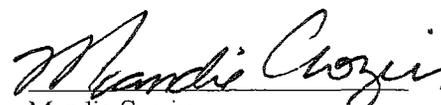
Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #14-9-9-16 SE/SW Section 9, Township 9S, Range 16E: Lease UTU-79831 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

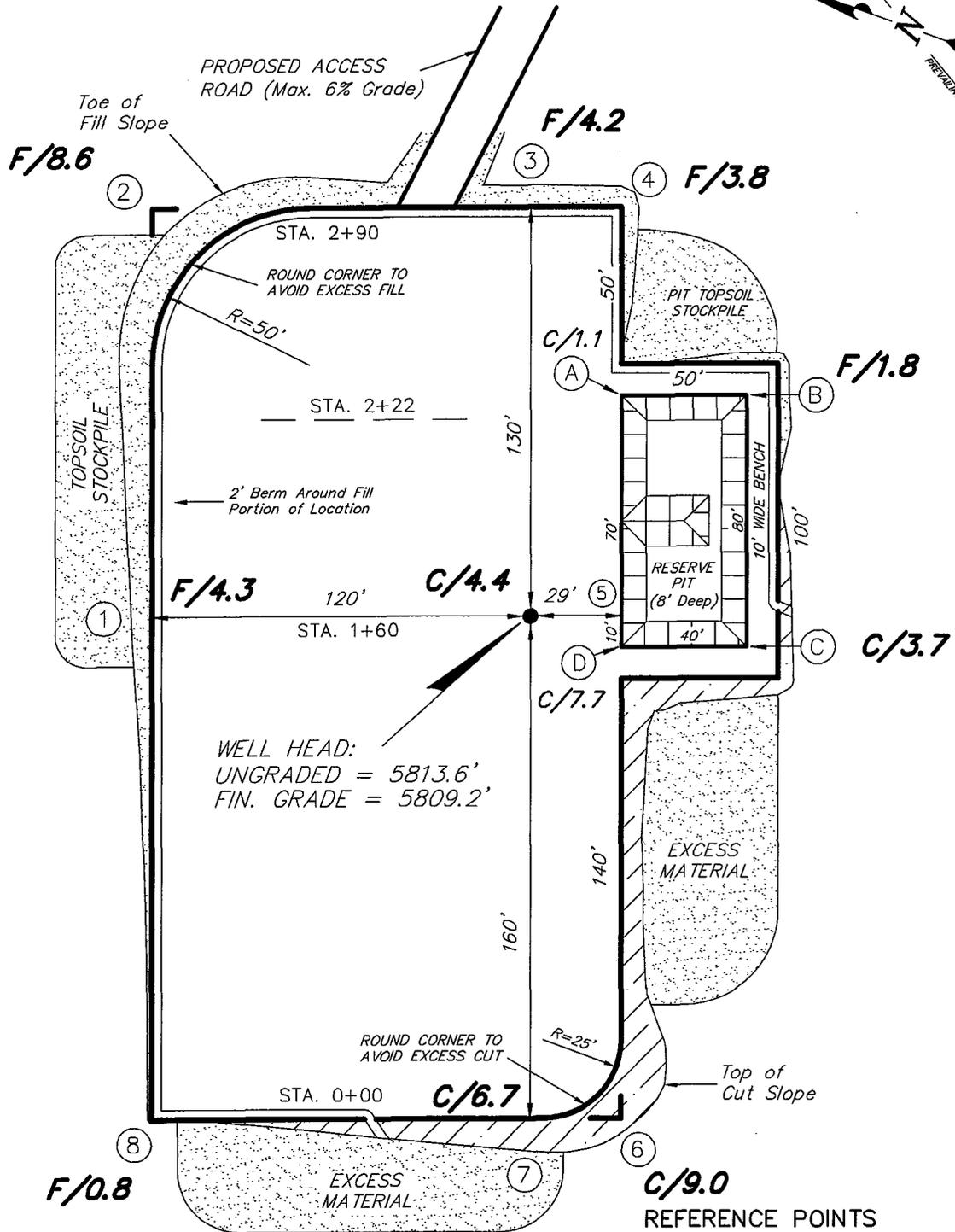
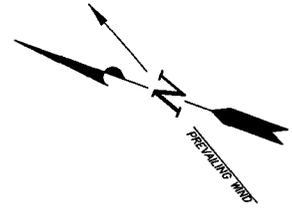
_____ 2/3/06
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 14-9-9-16

Section 9, T9S, R16E, S.L.B.&M.



WELL HEAD:
UNGRADED = 5813.6'
FIN. GRADE = 5809.2'

REFERENCE POINTS

- 210' SOUTHWESTERLY = 5815.4'
- 260' SOUTHWESTERLY = 5816.3'
- 170' NORTHWESTERLY = 5804.0'
- 220' NORTHWESTERLY = 5803.2'

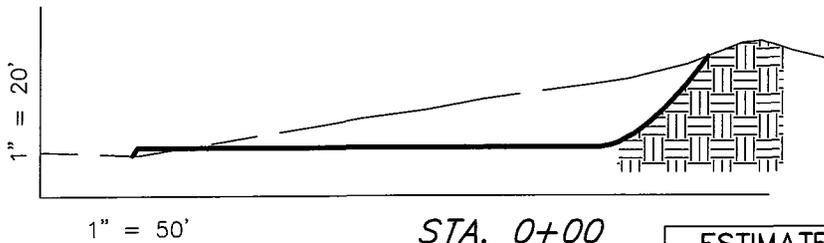
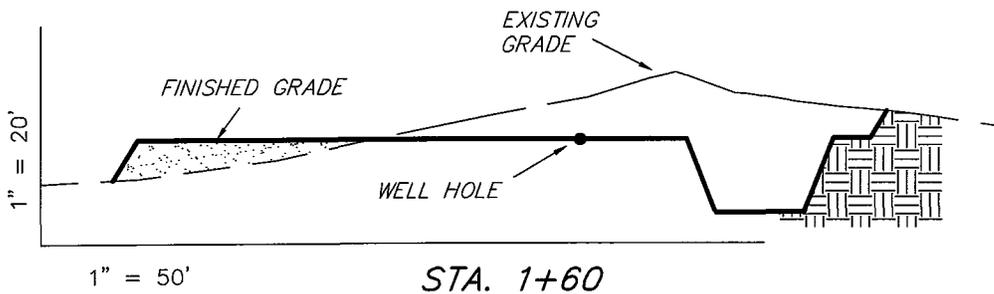
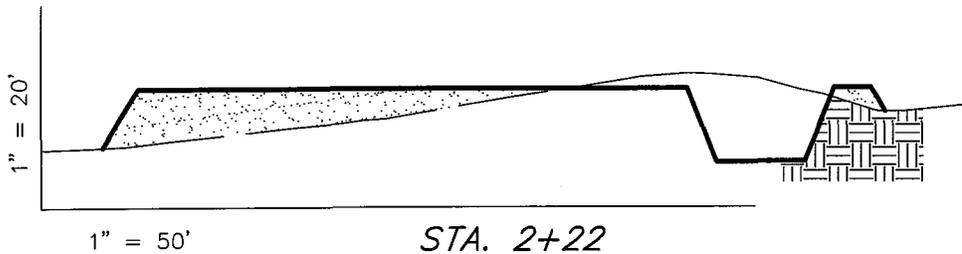
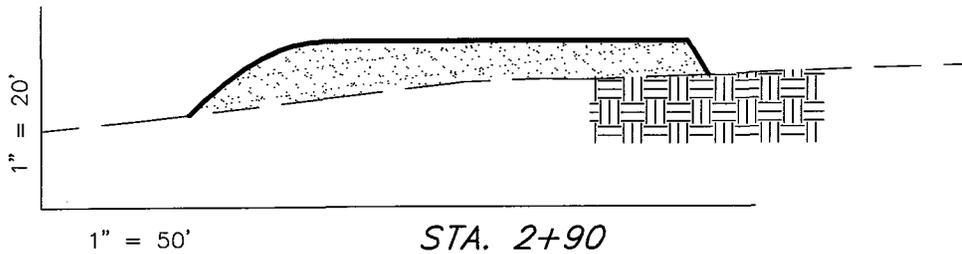
SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: M.W.	DATE: 1-19-06

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 14-9-9-16



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,100	3,090	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	3,740	3,090	990	650

SURVEYED BY: C.M.

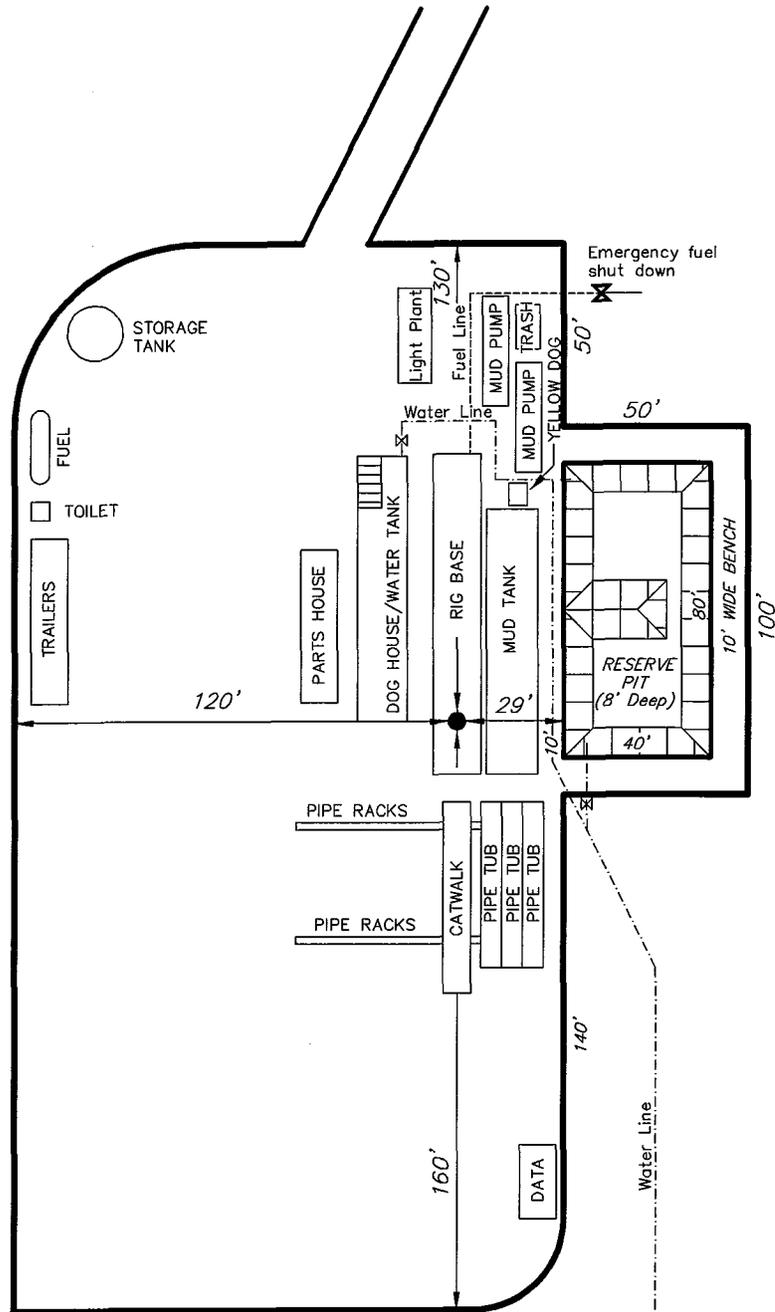
SCALE: 1" = 50'

DRAWN BY: M.W.

DATE: 1-19-06

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

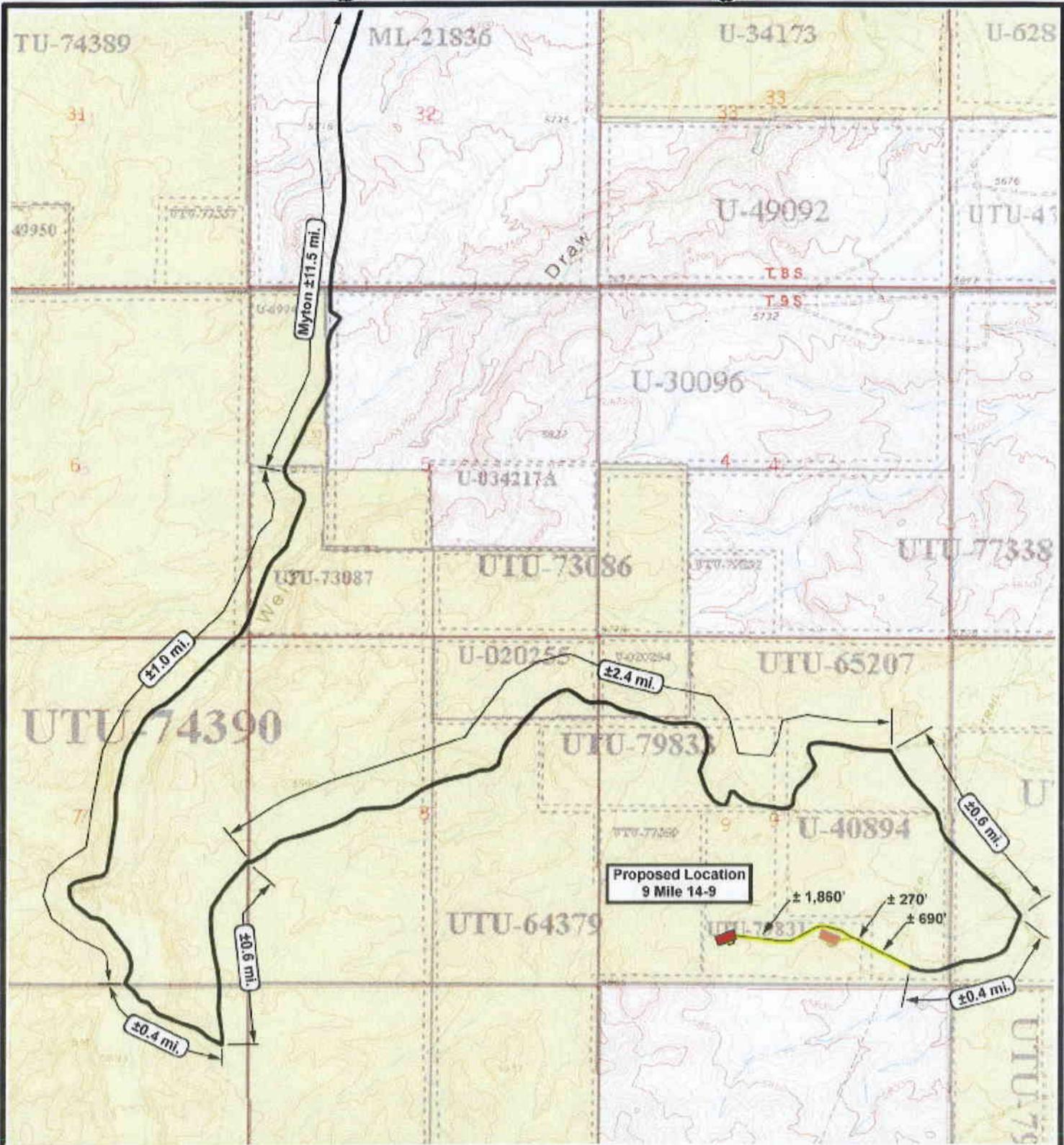
NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
9 MILE 14-9-9-16



SURVEYED BY: C.M.
 DRAWN BY: M.W.

SCALE: 1" = 50'
 DATE: 1-19-06

Tri State (435) 781-2501
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078



NEWFIELD
Exploration Company

9 Mile 14-9-9-16
SEC. 9, T9S, R16E, S.L.B.&M.



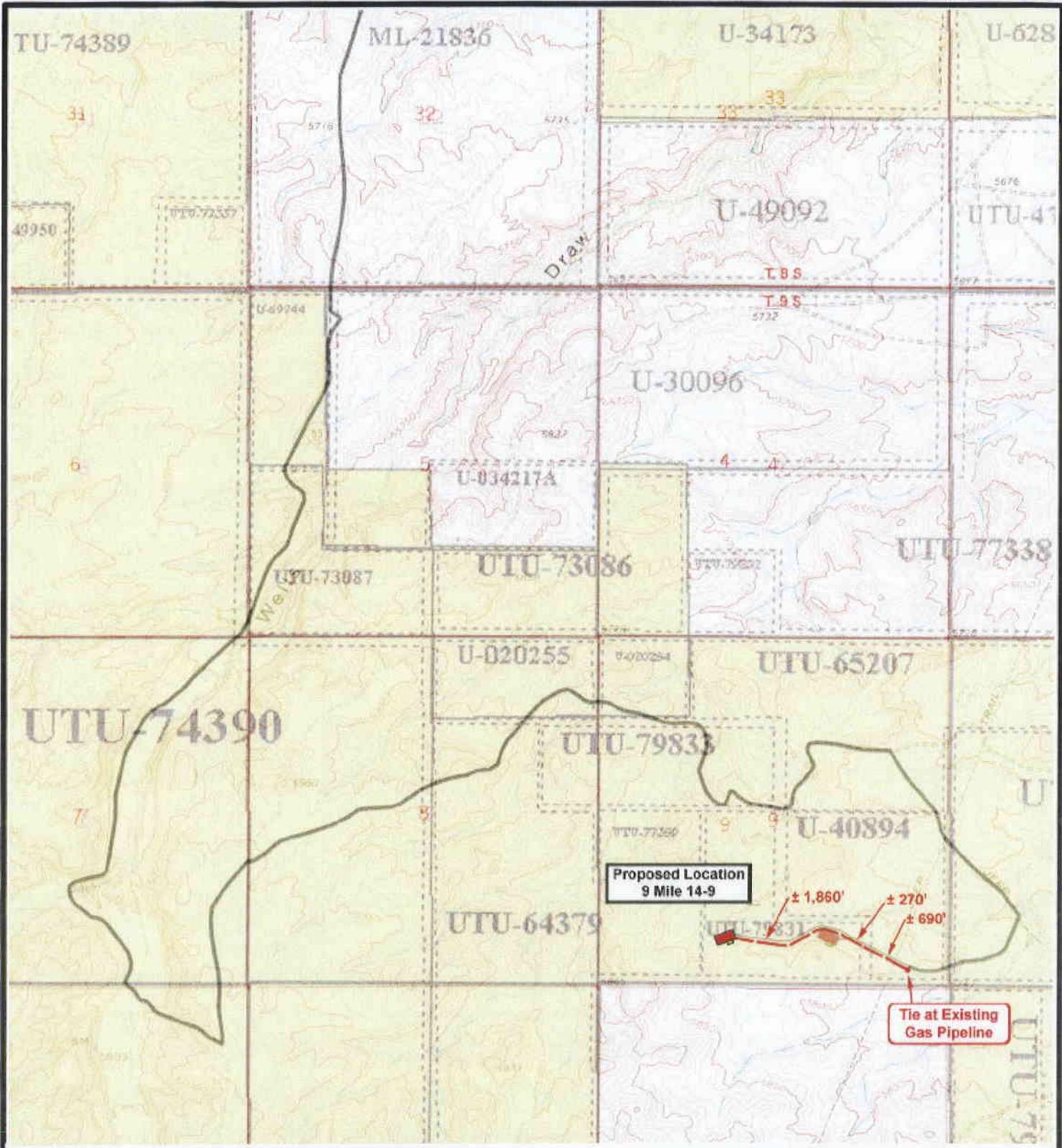
Tri-State
Land Surveying Inc.
(435) 781-2501
150 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-19-2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

9 Mile 14-9-9-16
SEC. 9, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
180 North Vernal Ave. Vernal, Utah 84078
(435) 761-2501

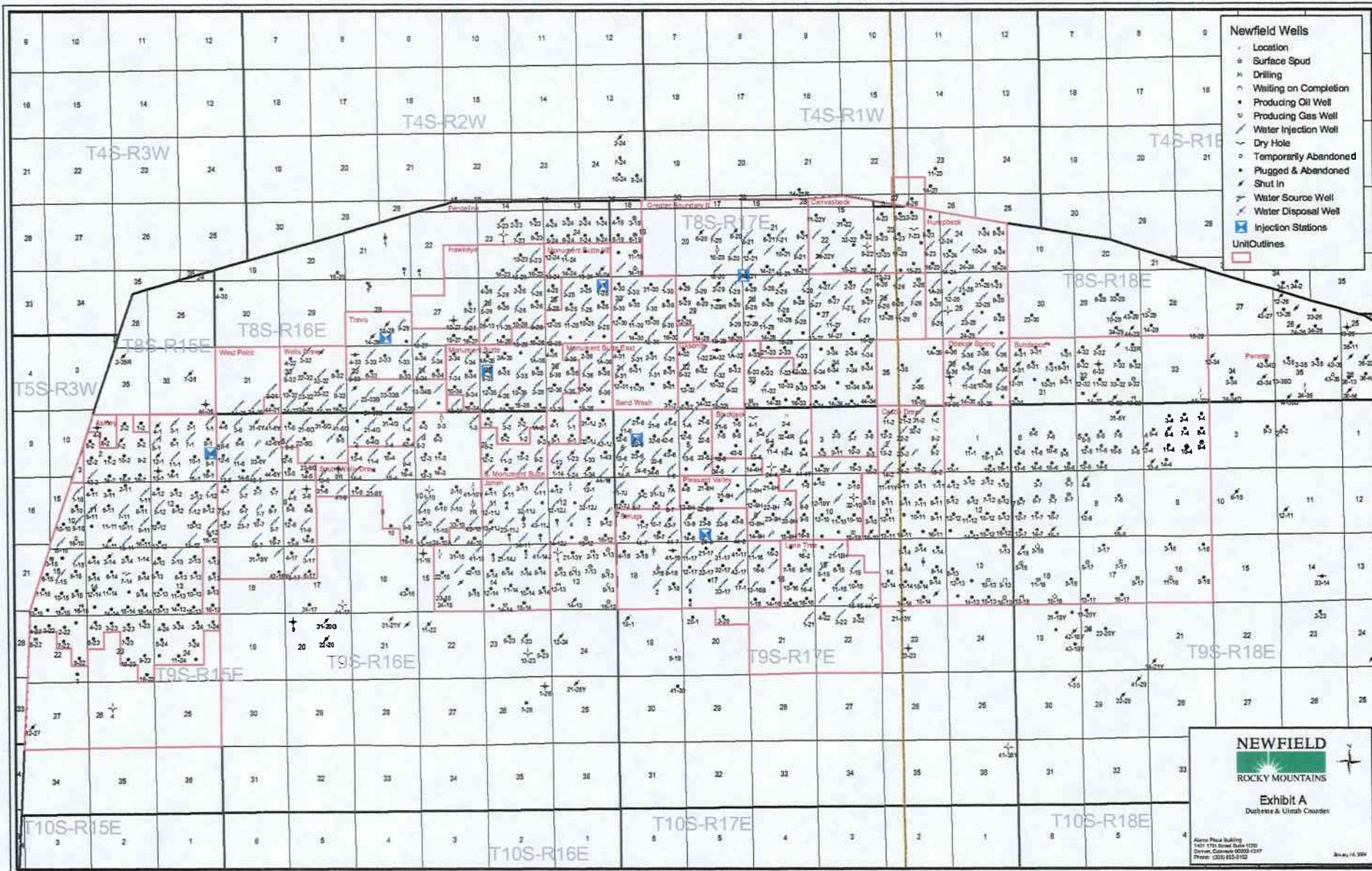
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DRAWN BY: mw
DATE: 01-19-2006

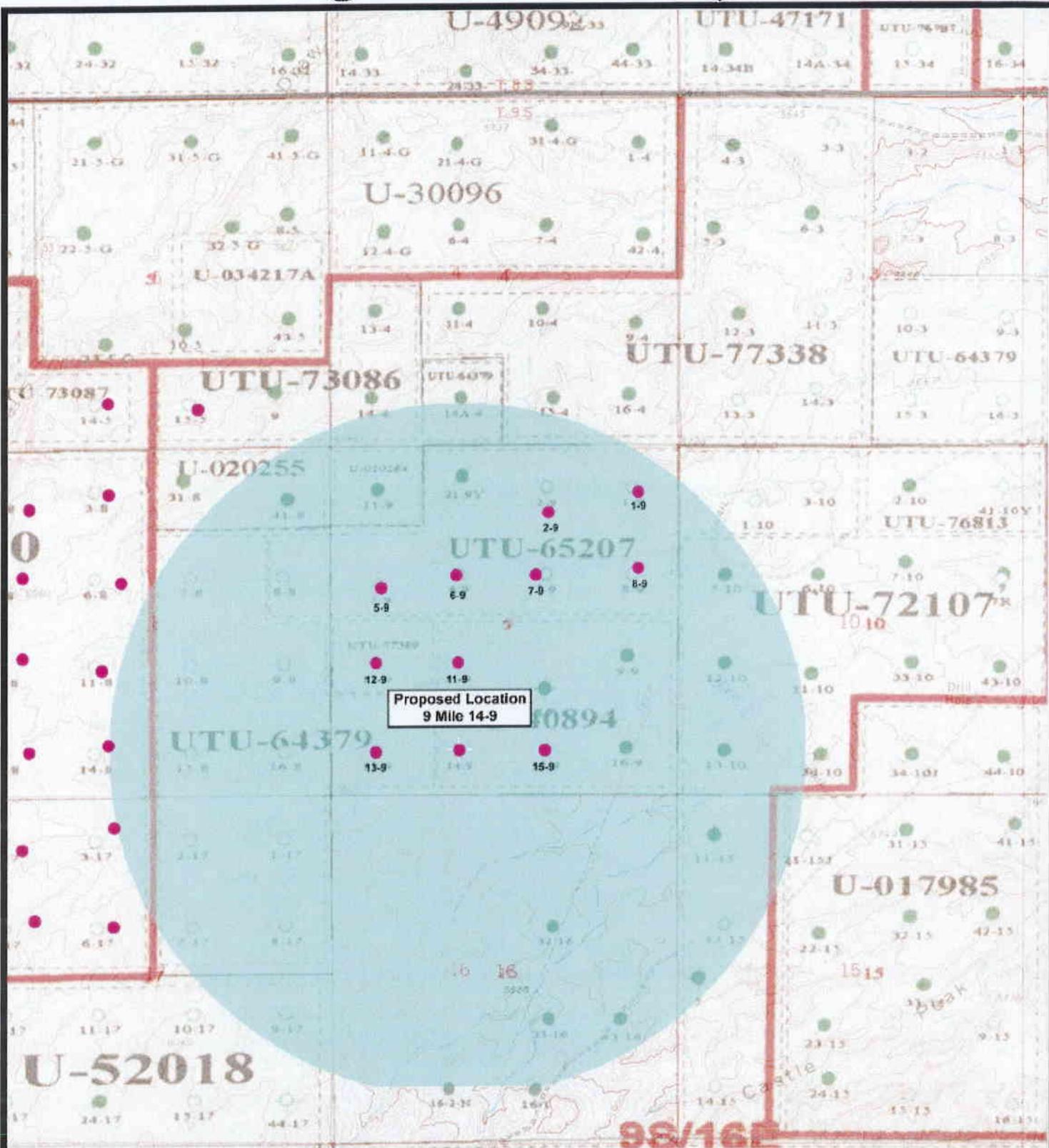
Legend

- Roads
- Proposed Gas Line

TOPOGRAPHIC MAP

"C"





 **NEWFIELD**
Exploration Company

9 Mile 14-9-9-16
SEC. 9, T9S, R16E, S.L.B.&M.



 **Tri-State**
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 01-19-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

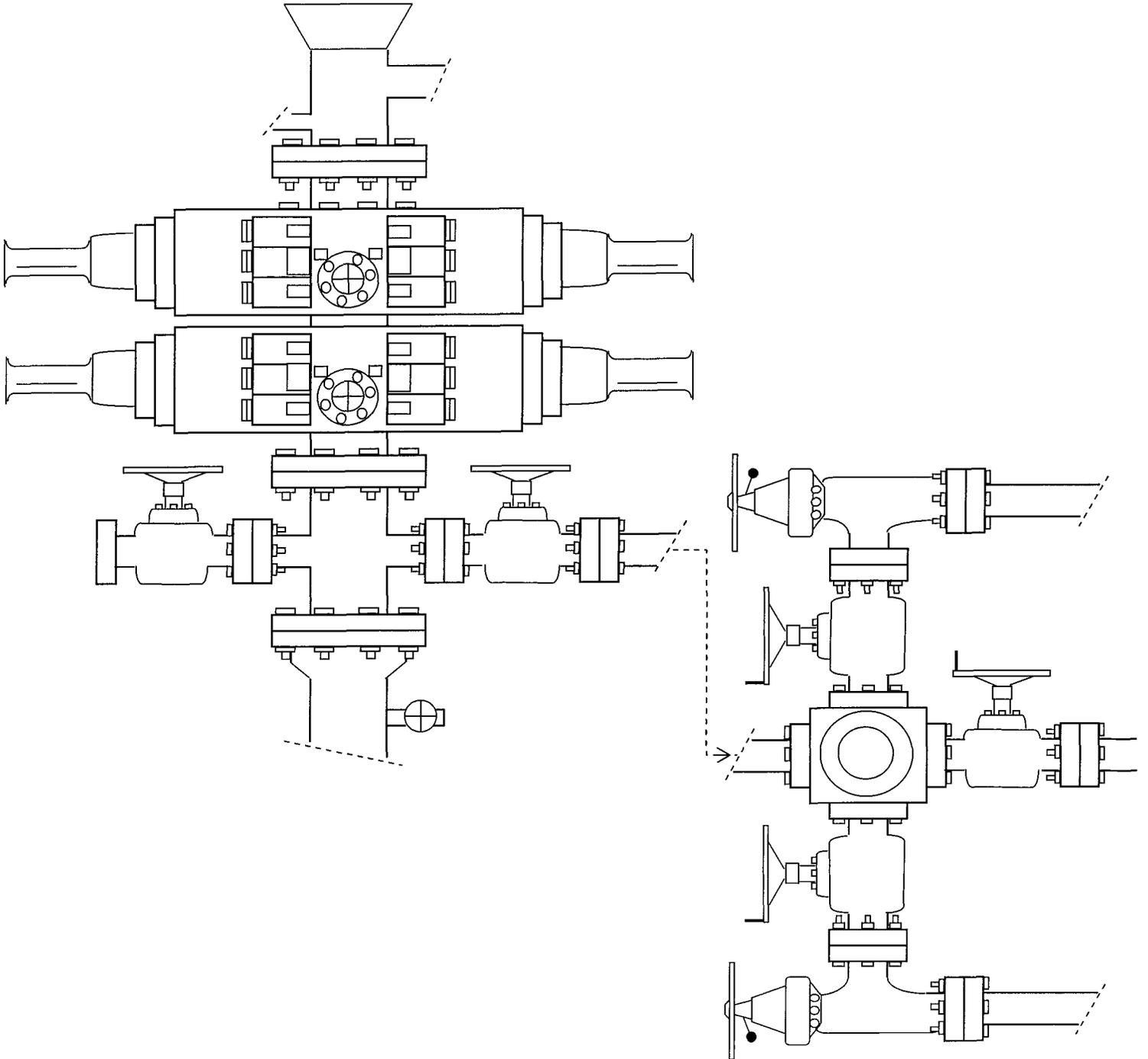


EXHIBIT C

Exhibit "D"

Page 1 of 2

A CULTURAL RESOURCE SURVEY OF THE SOUTH WELLS DRAW UNIT,

DUCHESNE COUNTY, UTAH

by

Ann Polk
and
Danielle Diamond

Prepared for:

Inland Production Company
P.O. Box 790233
Vernal, Utah 84079-0233

Prepared by:

Sagebrush Consultants, L.L.C.
3670 Quincy Avenue, Suite 203
Ogden, Utah 84403

Under Authority of Cultural Resources Use Permit No. 97-UT-54630

and

Utah State Antiquities Permit No. U-97-SJ-0780b.

Archaeological Report No. 1030-01

April 23, 1998

NEWFIELD PRODUCTION COMPANY

PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH

SW 1/4, SE 1/4, and SW 1/4, Section 9 [9, 11, 12, 13 & 14-9-9-16]; Entire Section 22
(excluding NE 1/4, NE 1/4 & NW 1/4, NW 1/4) [2, 3, 5 through 16-9-9-16]; Entire
Section 23 (excluding SE 1/4, NW 1/4, SW 1/4, NE 1/4, NE 1/4 & NW 1/4, SE 1/4)
[1 through 5, 8, 11 through 16-9-9-16]; Entire Section 24 (excluding SW 1/4, NW 1/4)
[1 through 4, 6 through 16-9-9-16] all in Township 9 South, Range 16 East

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
September 28, 2005

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/06/2006

API NO. ASSIGNED: 43-013-33053

WELL NAME: FEDERAL 14-9-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SESW 09 090S 160E
 SURFACE: 0718 FSL 1976 FWL
 BOTTOM: 0718 FSL 1976 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.04008 LONGITUDE: -110.1261
 UTM SURF EASTINGS: 574556 NORTHINGS: 4432361
 FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-79831
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: _____
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- R649-3-11. Directional Drill

COMMENTS: See Separate file

STIPULATIONS: 1- Federal Approval
2- Spacing Strip

BALCRON MON FED 14-4
BALCRON MON FED 14-4

S WELLS DRAW 14A-4-9-16
FEDERAL 24-4Y

S WELLS DRAW 15-4-9-16
NGC FEDERAL 34-4-G

S WELLS
DRAW 16-4-9-16

S WELLS
DRAW 13-3-9-16

MONUMENT BUTTE FIELD

T9S R16E

MON FED
4-8-9-16

MON FED
11-9-9-16

FEDERAL
21-9Y

S WELLS DRAW
2-9-9-16

S WELLS DRAW
FED 1-9-9-16

S WELLS DRAW
1-9-9-16

S WELLS DRAW
FED 2-9-9-16

SOUTH WELLS DRAW UNIT CAUSE: 231-04 / 7-16-2001

S WELLS DRAW
FED 8-9-9-16

S WELLS
DRAW 5-10-9-16

S WELLS DRAW
8-9-9-16

S WELLS DRAW
FED 7-9-9-16

S WELLS
DRAW 7-9-9-16

FEDERAL
5-9-9-16

FEDERAL
6-9-9-16

S WELLS DRAW
6-9-9-16

FEDERAL 1-9
S WELLS DRAW 5-9-9-16

FEDERAL
11-9-9-16

S WELLS
DRAW 9-9-9-16

S WELLS DRAW
12-10-9-16

FEDERAL
12-9-9-16

CASTLE
PEAK U 10

FEDERAL
13-9-9-16

FEDERAL
14-9-9-16

FEDERAL
15-9-9-16

S WELLS DRAW
16-9-9-16

S WELLS DRAW
13-10-9-16

FEDERAL
1-17-9-16

CASTLE PK
FED 11-15

OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 9 T. 9S R. 16E

FIELD: MONUMENT BUTTE (630)

COUNTY: DUCHESNE

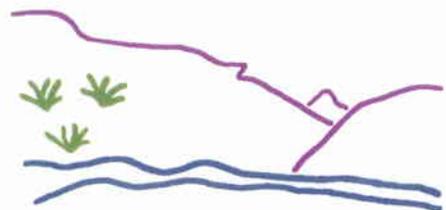
SPACING: R649-3-2 / GENERAL SITING

Field Status
 [Black Box] ABANDONED
 [Red Box] ACTIVE
 [Green Box] COMBINED
 [Blue Box] INACTIVE
 [Purple Box] PROPOSED
 [Pink Box] STORAGE
 [White Box] TERMINATED

Unit Status
 [White Box] EXPLORATORY
 [Light Green Box] GAS STORAGE
 [Light Blue Box] NF PP OIL
 [Light Purple Box] NF SECONDARY
 [Light Yellow Box] PENDING
 [Light Red Box] PI OIL
 [Light Orange Box] PP GAS
 [Light Green Box] PP GEOTHERML
 [Light Blue Box] PP OIL
 [Light Purple Box] SECONDARY
 [White Box] TERMINATED

Wells Status

- [Star] GAS INJECTION
- [Star] GAS STORAGE
- [X] LOCATION ABANDONED
- [Circle with dot] NEW LOCATION
- [Diamond with X] PLUGGED & ABANDONED
- [Star] PRODUCING GAS
- [Star] PRODUCING OIL
- [Star] SHUT-IN GAS
- [Star] SHUT-IN OIL
- [X] TEMP. ABANDONED
- [Circle with X] TEST WELL
- [Triangle] WATER INJECTION
- [Circle with dot] WATER SUPPLY
- [Circle with X] WATER DISPOSAL
- [Circle with dot] DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 8-FEBRUARY-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

February 9, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Federal 14-9-9-16 Well, 718' FSL, 1976' FWL, SE SW, Sec. 9, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33053.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Federal 14-9-9-16
API Number: 43-013-33053
Lease: UTU-79831

Location: SE SW Sec. 9 T. 9 South R. 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-79831

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
FEDERAL 14-9-9-16

9. API Well No.
43-013-33053

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
718 FSL 1976 FWL SE/SW Section 9, T9S R16E

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other Permit Extension
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 2/9/06 (expiration 2/9/07).

This APD has not been approved yet by the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

2-8-07
Rm

Date: 02-07-07
By: [Signature]

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DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Regulatory Specialist Date 2/2/2007
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33053
Well Name: Federal 14-9-9-16
Location: SE/SW Section 9,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 2/9/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No

Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

Is bonding still in place, which covers this proposed well? Yes No


Signature

2/2/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

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DIV. OF OIL, GAS & MINING

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FEB 06 2006

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-79831
6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
N/A

8. Lease Name and Well No.
Federal 14-9-9-16

9. API Well No.
43-013-33053

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
SE/SW Sec. 9, T9S R16E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: DRILL REENTER

1b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface SE/SW 718' FSL 1976' FWL
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*
Approximatley 17.4 miles southwest of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 656' f/lease, NA' f/unit

16. No. of Acres in lease
120.00

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1270'

19. Proposed Depth
6095'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5814' GL

22. Approximate date work will start*
1st Quarter 2006

23. Estimated duration
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification.
- 6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
Mandi Crozier
Title
Regulatory Specialist

Name (Printed/Typed)
Mandi Crozier

Date
2/2/06

Approved by (Signature)
Jerry Kencela
Title
Assistant Field Manager
Lands & Mineral Resources

Name (Printed/Typed)
JERRY KENCELA
Office
VERNAL FIELD OFFICE

Date
2-15-2007

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212. make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

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FEB 26 2007

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING



No NOS

07BM4651A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Federal 14-9-9-16
API No: 43-013-33053

Location: SESW, Sec 9, T9S, R16E
Lease No: UTU-79831
Agreement: N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Jim Ashley	Office: 435-781-4470	
Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Chuck Macdonald	Office: 435-781-4441	
Natural Resource Specialist:	Darren Williams	Office: 435-781-4447	
Natural Resource Specialist:	Verlyn Pindell	Office: 435-781-3402	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- Location Construction (Notify Chuck Macdonald) - Forty-Eight (48) hours prior to construction of location and access roads.
- Location Completion (Notify Chuck Macdonald) - Prior to moving on the drilling rig.
- Spud Notice (Notify Petroleum Engineer) - Twenty-Four (24) hours prior to spudding the well.
- Casing String & Cementing (Notify Jamie Sparger) - Twenty-Four (24) hours prior to running casing and cementing all casing strings.
- BOP & Related Equipment Tests (Notify Jamie Sparger) - Twenty-Four (24) hours prior to initiating pressure tests.
- First Production Notice (Notify Petroleum Engineer) - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

LEASE STIPULATIONS AND NOTICES

1. Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.

The proposed area contains Mountain plover habitat. With this occurrence there will be a timing restriction to minimize disturbance during Mountain plover nesting from May 15 – June 15.

Lease Notices from RMP: Lessee/operator is given notice the area has been identified as containing Golden eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden eagle and/or habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Comments: If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

CONDITIONS OF APPROVAL

1. This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
2. All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
3. All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
4. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
5. The access road will be crowned and ditched. Flat-bladed roads are not allowed.
6. If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.

7. Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
8. Pipelines will be buried at all major drainage crossings.
9. Prevent fill and stock piles from entering drainages.
10. The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
11. The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
12. When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
13. If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
14. If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
15. The interim seed mix for this location shall be:

Crested wheatgrass (<i>Agropyron cristatum</i>):	4 lbs/acre
Needle and Threadgrass (<i>Stipa comata</i>):	4 lbs/acre
Indian Ricegrass (<i>Achnatherum hymenoides</i>):	4 lbs/acre

 - All pounds are in pure live seed.
 - Rates are set for drill seeding; double the rate if broadcasting.
 - Reseeding may be required if initial seeding is not successful.
16. The operator will be responsible for treatment and control of invasive and noxious weeds.
17. The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
18. Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

19. The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
20. The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
21. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
22. All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
23. Notify the Authorized Officer 48 hours prior to surface disturbing activities.
24. Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. None.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

Cement baskets shall not be run on surface casing.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

7. The lessee/operator must report encounters of all non oil and gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

- g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
 16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
 17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
 18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **Newfield Production Company**

Well Name: **Federal 14-9-9-16**

Api No: **43-013-33053** Lease Type: **Federal**

Section **09** Township **09S** Range **16E** County **Duchesne**

Drilling Contractor **NDSI** RIG # **NS#1**

SPUDDED:

Date **3-20-07**

Time **9:30 AM**

How **Dry**

Drilling will Commence: _____

Reported by **Jim**

Telephone # **435-823-2072**

Date **3-20-07** Signed **RM**

RECEIVED

MAR 21 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2895

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RS	COUNTY		
A	99999	16005	43-013-32916	FEDERAL 5-9-9-16	SW/NW	9	9S	16E	DUCHESNE	3/19/2007	3/22/07
WELL 1 COMMENTS: <i>GRRV</i>											
A	99999	16006	43-013-33053	FEDERAL 14-9-9-16	SE/SW	9	9S	16E	DUCHESNE	3/20/2007	3/22/07
WELL 2 COMMENTS: <i>GRRV</i>											
WELL 5 COMMENTS:											
WELL 6 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - entity for new well (single well only)
- B - to existing entity (group or well only)
- C - one existing entity to another existing entity
- D - one existing entity to a new entity
- E - explain in comments section

NOTE: Use COMMENT section to explain why each Action Code was selected.

Lana Nebeker
 Signature
 LANA NEBEKER
 Production Clerk
 Title
 March 21, 2007
 Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-79831
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 718 FSL 1976 FWL SESW Section 9 T9S R16E		8. Well Name and No. FEDERAL 14-9-9-16
		9. API Well No. 4301333053
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____ Spud Notice
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 3/20/07 MIRU NDSI NS # 1. Spud well @ 9:30 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 321 KB. On 3/22/07 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 5 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Justin Crum	Title Drilling Foreman
Signature 	Date 03/27/2007

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

MAR 28 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

_____ **8 5/8** _____ CASING SET AT _____ **321.85** _____

LAST CASING 8 5/8" SET AT 321.85'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 320' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR NewField Production Company
 WELL Federal 14-9-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS#1

LOG OF CASING STRING:								
PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.49'						
		WHI - 92 csg head				8rd	A	0.95
7	8 5/8"	Maverick ST&C csg		24#	J-55	8rd	A	310.95
		GUIDE shoe				8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				311.85
TOTAL LENGTH OF STRING		311.85	7	LESS CUT OFF PIECE				2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG				12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH				321.85
TOTAL		310	7	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		310	7					
TIMING		1ST STAGE						
BEGIN RUN CSG.	Spud	3/20/2007	9:30 AM	GOOD CIRC THRU JOB				Yes
CSG. IN HOLE		3/20/2007	3:30PM	Bbls CMT CIRC TO SURFACE				5
BEGIN CIRC		3/22/2007	8:55 AM	RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE				
BEGIN PUMP CMT		3/22/2007	9:05 AM					N/A
BEGIN DSPL. CMT		3/22/2007	9:18 AM	BUMPED PLUG TO _____ 145 _____ PSI				
PLUG DOWN		3/22/2007	9:25 AM					
CEMENT USED		CEMENT COMPANY- B. J.						
STAGE	# SX	CEMENT TYPE & ADDITIVES						
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield						
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING						
Centralizers - Middle first, top second & third for 3								

COMPANY REPRESENTATIVE Justin Crum _____ DATE 3/23/2007 _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
718 FSL 1976 FWL
SESW Section 9 T9S R16E

5. Lease Serial No.
USA UTU-79831

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.
FEDERAL 14-9-9-16

9. API Well No.
4301333053

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and correct (Printed/Typed) Mandia Cruzio	Title Regulatory Specialist
Signature <i>Mandia Cruzio</i>	Date 05/17/2007

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

MAY 18 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-79831

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
FEDERAL 14-9-9-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333053

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 718 FSL 1976 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 9, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

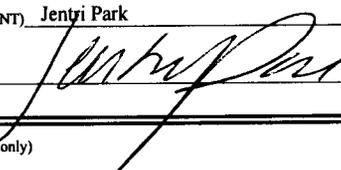
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <hr/>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 06/06/2007	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well was completed on 05/15/07, attached is a daily completion status report.

RECEIVED
JUN 08 2007
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE 

DATE 06/06/2007

(This space for State use only)

Daily Activity Report

Format For Sundry

FEDERAL 14-9-9-16

3/1/2007 To 7/30/2007

4/19/2007 Day: 1

Completion

Rigless on 4/18/2007 - Install 5M frac head. NU Cameron BOP. RU H/O truck & pressure test casing, frac head, blind rams & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5993' & cement top @ 103'. Perforate stage #1 W/ 4" ported gun as follows: CP4 sds @ 5869-5886' W/ 4 JSPF for total of 68 shots. RD WLT. SIFN W/ est 145 BWTR.

5/8/2007 Day: 2

Completion

Rigless on 5/7/2007 - RU BJ Services. 62 psi on well. Frac CP4 sds w/ 58,920#'s of 20/40 sand in 518 bbls of Lightning 17 fluid. Broke @ 3524 psi. Treated w/ ave pressure of 1653 psi @ ave rate of 25.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2005 psi. Leave pressure on well. 663 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 10' perf gun. Set plug @ 5700'. Perforate CP1 sds @ 5600- 10' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. RU BJ Services. 1722 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Perforators & dump bail acid. RU BJ Services. 1636 psi on well. Frac CP1 sds w/ 24,630#'s of 20/40 sand in 362 bbls of Lightning 17 fluid. Broke @ 4075 psi. Treated w/ ave pressure of 1906 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1840 psi. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug, 9' & 8' perf gun. Set plug @ 5495'. Perforate LODC sds @ 5379- 88', 5354- 62' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 68 shots. Leave pressure on well. 1025 BWTR.

5/9/2007 Day: 3

Completion

Rigless on 5/8/2007 - RU BJ Services. 635 psi on well. Frac LODC sds w/ 59,848#'s of 20/40 sand in 500 bbls of Lightning 17 fluid. Broke @ 2540 psi. Treated w/ ave pressure of 2479 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 3151 psi. Leave pressure on well. 1525 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 11' perf gun. Set plug @ 5300'. Perforate A3 sds @ 5223- 34' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 44 shots. RU BJ Services. 1290 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Perforators & dump bail acid. RU BJ Services. 140 psi on well. Frac A3 sds w/ 29,710#'s of 20/40 sand in 343 bbls of Lightning 17 fluid. Broke @ 3806 psi. Treated w/ ave pressure of 2106 psi @ ave rate of 24.5 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2287 psi. Leave pressure on well. 1868 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 10' perf gun. Set plug @ 5200'. Perforate A1 sds @ 5140- 50' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. RU BJ Services. 650 psi on well. Frac A1 sds w/ 45,023#'s of 20/40 sand in 417 bbls of Lightning 17 fluid. Broke @ 3750 psi. Treated w/ ave pressure of 1941 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 2350 psi. Leave pressure on well. 2285 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug, 5' & 7' perf gun. Set plug @ 5090'. Perforate B2 sds @ 4985- 90', 4972- 79'

w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. RU BJ Services. 1280 psi on well. Frac B2 sds w/ 49,798#'s of 20/40 sand in 438 bbls of Lightning 17 fluid. Broke @ 2183 psi. Treated w/ ave pressure of 1830 psi @ ave rate of 24.5 BPM. Pumped 504 gals of 15% HCL in flush for Stage #7. ISIP 2020 psi. Leave pressure on well. 2723 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 10' perf gun. Set plug @ 4930'. Perforate C sds @ 4870- 80', 4972- 79' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. RU BJ Services. 370 psi on well. Frac C sds w/ 19,413#'s of 20/40 sand in 293 bbls of Lightning 17 fluid. Broke @ 3124 psi. Treated w/ ave pressure of 2308 psi @ ave rate of 24.6 BPM. Pumped 504 gals of 15% HCL in flush for Stage #7. ISIP 1900 psi. Leave pressure on well. 3016 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug, 10' & 13' perf gun. Set plug @ 4840'. Perforate D3 sds @ 4790- 4800', D2 sds @ 4752- 65' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 92 shots. RU BJ Services. 58 psi on well. Frac D2 & D3 sds w/ 90,249#'s of 20/40 sand in 661 bbls of Lightning 17 fluid. Broke @ 2712 psi. Treated w/ ave pressure of 1959 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #9. ISIP 2039 psi. Leave pressure on well. 3677 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 13' & 6' perf gun. Set plug @ 4335'. Perforate GB6 sds @ 4219- 4232', GB4 sds @ 4148- 54' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 76 shots. RU BJ Services. 1300 psi on well. Frac GB4 & GB6 sds w/ 40,824#'s of 20/40 sand in 382 bbls of Lightning 17 fluid. Broke @ 2139 psi. Treated w/ ave pressure of 1777 psi @ ave rate of 24.9 BPM. ISIP 1940 psi. Begin immediate flow back on 12/64 choke @ 1 BPM. Flowed for 6 hrs & died. Rec. 349 BRF. SIWFN. 3710 BWTR.

5/11/2007 Day: 4

Completion

Western #3 on 5/10/2007 - Open well to pit. Flowed back approx. 20 bbls. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" tbg. from pipe racks to 4270'. Circulate well clean. SWIFN.

5/12/2007 Day: 5

Completion

Western #3 on 5/11/2007 - Bleed off well. RIH w/ tbg. Tag fill @ 4285'. C/O to CBP @ 4335' (50' of fill). DU CBP in 20 min. Cont. RIH w/ tbg. Tag fill @ 4816'. C/O to CBP @ 4840' (24' of fill). DU CBP in 15 min. RIH w/ tbg. Tag @ 4889'. C/O to CBP @ 4930' (41' of fill). DU CBP in 15 min. Cont. RIH w/ tbg. Tag @ 5015'. C/O to CBP @ 5090' (75' of fill). Cont. RIH w/ tbg. Tag @ 5145'. C/O to CBP @ 5200' (55' of fill). DU CBP in 15 min. Cont. RIH w/ tbg. Tag fill @ 5263'. C/O to CBP @ 5300' (37' of fill). DU CBP in 10 min. Cont. RIH w/ tbg. Tag fill @ 5372'. C/O to CBP @ 5495' (123' of fill). DU CBP in 10 min. Cont. RIH w/ tbg. Tag CBP @ 5700' (no fill). DU CBP in 10 min. Circulate well clean. EOT @ 5720'. SWIFN.

5/15/2007 Day: 6

Completion

Western #3 on 5/14/2007 - Bleed off well. RIH w/ tbg. Tag @ 5901'. C/O to PBDT @ 6025' (124' of fill). Circulate well clean. Pull up to 5945'. RU swab. SFL @ surface. Made 13 runs. Recovered 120 bbls. No show of sand. Trace of oil. EFL @ 700'. RD swab. RIH w/ tbg. Tag fill @ 6019'. C/O to PBDT @ 6025'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 1 jt 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC & 185 jts 2 7/8" tbg. ND BOP. Set TAC @ 5851' w/ 16,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. SWIFN.

5/16/2007 Day: 7**Completion**

Western #3 on 5/15/2007 - IH w/ CDI 2 1/2" x 1 1/2" x 12' x 15' RHAC pump, 6- 1 1/2" weight bars, 10- 3/4" guided rods, 119- 3/4" slick rods, 99- 3/4" guided rods, 1- 4', 2' x 3/4" pony subs, 1 1/2" x 22' polished rod. Seat pump. RU pumping unit. Hang off rods. Adjust tag. Fill tbg. w/ 2 bbls water. Stroke test to 800 psi. Put well on production @ 12:00 p.m. 74" stroke length, 5 spm. Final Report.

Pertinent Files: Go to File List

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

5. LEASE DESIGNATION AND SERIAL NO.

UTU-79831

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

1a. TYPE OF WORK

OIL WELL GAS WELL DRY Other _____

7. UNIT AGREEMENT NAME

Federal

1b. TYPE OF WELL

NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR. Other _____

8. FARM OR LEASE NAME, WELL NO.

Federal 14-9-9-16

2. NAME OF OPERATOR

Newfield Exploration Company

9. WELL NO.

43-013-33053

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

10. FIELD AND POOL OR WILDCAT

Monument Butte

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface **718' FSL & 1976' FWL (SE/SW) Sec. 9, T9S, R16E**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 9, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO. **43-013-33053** DATE ISSUED **02/09/07**

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUNDED

03/20/07

16. DATE T.D. REACHED

04/18/07

17. DATE COMPL. (Ready to prod.)

05/15/07

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5814' GL

19. ELEV. CASINGHEAD

5826' KB

20. TOTAL DEPTH, MD & TVD

6075'

21. PLUG BACK T.D., MD & TVD

6025'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4148'-5886'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	322'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6070'	7-7/8"	300 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5930'	TA @ 5863'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP4) 5869'-5886'	.49"	4/68	5869'-5886'	Frac w/ 58,920# 20/40 sand in 518 bbls fluid
(CP1) 5600'-5610'	.49"	4/40	5600'-5610'	Frac w/ 24,630# 20/40 sand in 362 bbls fluid
(LODC) 5379'-5388', 5354'-5362'	.49"	4/68	5354'-5388'	Frac w/ 59,848# 20/40 sand in 500 bbls fluid
(A3) 5223'-5234'	.49"	4/44	5223'-5234'	Frac w/ 29,710# 20/40 sand in 343 bbls fluid
(A1) 5140'-5150'	.49"	4/40	5140'-5150'	Frac w/ 45,023# 20/40 sand in 417 bbls fluid
(4985'-90', 4972'-79')	.49"	4/48	4972'-4990'	Frac w/ 49,798# 20/40 sand in 438 bbls fluid
(C) 4870'-4880'	.49"	4/40	4870'-4880'	Frac w/ 19,413# 20/40 sand in 293 bbls fluid
(D3 & 2) 4790'-4800', 4752'-4765'	.49"	4/92	4752'-4800'	Frac w/ 90,249# 20/40 sand in 661 bbls fluid
(G6 & 4) 4219'-4232', 4148'-4154'	.49"	4/76	4148'-4232'	Frac w/ 40,824# 20/40 sand in 382 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 05/15/07	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 12' x 16' RHAC SM Plunger Pump	WELL STATUS (Producing or shut-in) PRODUCING					
DATE OF TEST 10 day ave	HOURS TESTED	CHOKER SIZE	PROD'N FOR TEST PERIOD	OIL--BBL. 86	GAS--MCF. 90	WATER--BBL. 11	GAS-OIL RATIO 1047
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY (SPEC GRAV)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

JUN 15 2007

35. LIST OF ATTACHMENTS

DIV. OF OIL, GAS & MINING

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Jentri Park

TITLE Production Clerk

DATE 6/12/2007

JP

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 14-9-9-16	Garden Gulch Mkr	3680'	
				Garden Gulch 1	3894'	
				Garden Gulch 2	4006'	
				Point 3 Mkr	4258'	
				X Mkr	4524'	
				Y-Mkr	4558'	
				Douglas Creek Mkr	4674'	
				BiCarbonate Mkr	4910'	
				B Limestone Mkr	5024'	
				Castle Peak	5555'	
				Basal Carbonate	5996'	
				Total Depth (LOGGERS	6073'	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-79831
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 14-9-9-16	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330530000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0718 FSL 1976 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 09 Township: 09.0S Range: 16.0E Meridian: S	COUNTY: DUCHESNE	
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/21/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 10/16/2014. On 10/20/2014 Richard Powell with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/21/2014 the casing was pressured up to 1174 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 350 psig during the test. There was a State representative available to witness the test - Bart Kettle.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 22, 2014**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/22/2014	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: BART KETTLE DOGM Date 10/21/14 Time 11:40 am pm
Test Conducted by: Tony Max
Others Present: _____

Well: Federal 14-9-9-16 Field: Monument Butte
Well Location: SE/SW Sec. 9, T9S, R16E API No: 43-013-33653

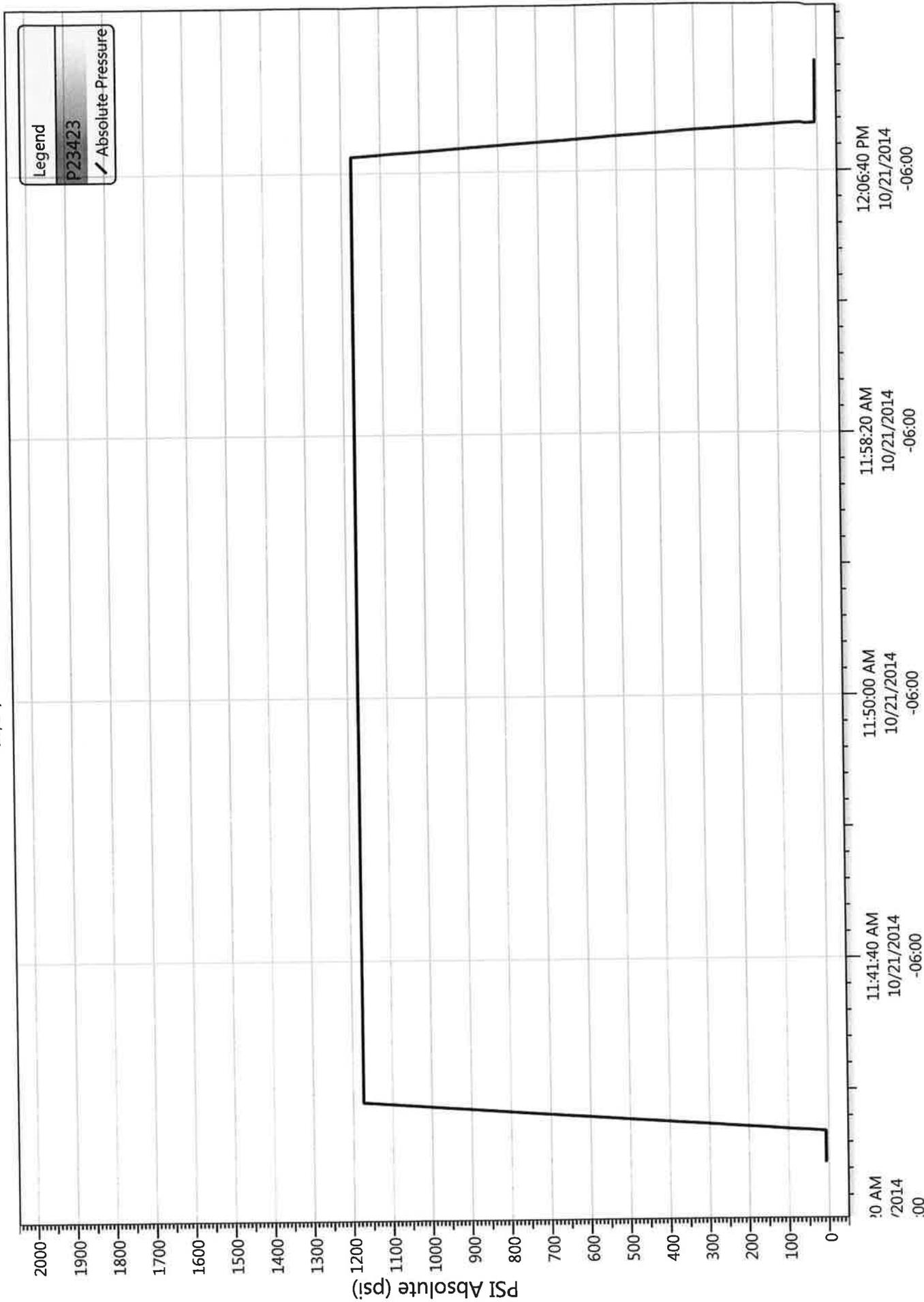
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1173</u>	psig
5	<u>1173</u>	psig
10	<u>1173</u>	psig
15	<u>1173</u>	psig
20	<u>1174</u>	psig
25	<u>1174</u>	psig
30 min	<u>1174</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 350 psig

Result: Pass Fail

Signature of Witness: _____
Signature of Person Conducting Test: Tony Max

14-9-9-16 Conversion MIT (10-21-2014)
10/21/2014 11:34:48 AM





Well Name: Federal 14-9-9-16

Job Detail Summary Report

Primary Job Type Conversion	Job Start Date 10/9/2014	Job End Date 10/21/2014
--------------------------------	-----------------------------	----------------------------

Daily Operations		
Report Start Date	Report End Date	24hr Activity Summary
10/9/2014	10/9/2014	CHECK LOCATION FOR DEAD MEN AND WATER ROAD RIG & MOVE EQUIPMENT TO LOCATION
Start Time	End Time	Comment
05:30	07:00	TRAVEL TIME
Start Time	End Time	Comment
07:00	08:15	RD RIG, RACK OUT WINCH TRUCK AND TOOLS.
Start Time	End Time	Comment
08:15	08:45	CHECK LOCATION FOR DEAD MEN AND WATER, DRIVE BACK TO RIG.
Start Time	End Time	Comment
08:45	09:15	ROAD RIG AND MOVE EQUIPMENT TO LOCATION.
Start Time	End Time	Comment
09:15	10:30	SPOT RIG, RU RIG, PUMP 50 BBLS WATER DOWN CSG @ 250 F.
Start Time	End Time	Comment
10:30	11:00	UNHANG RODS AND HORSES HEAD.
Start Time	End Time	Comment
11:00	11:45	UNSEAT PUMP AND PULL HIGH, FLUSH RODS WITH 40 BBLS WATER @ 250 F.
Start Time	End Time	Comment
11:45	12:00	SOFT SEAT AND PT TBG TO 3000 PSI, GOOD TEST.
Start Time	End Time	Comment
12:00	12:15	SPOT IN ROD TRAILER, RU ROD EQUIPMENT, PREP TO LD RODS.
Start Time	End Time	Comment
12:15	15:45	POOH WITH RODS LAYING DOWN ON ROD TRAILER. LD RODS, SINKER BARS AND PUMP.
Start Time	End Time	Comment
15:45	16:45	RD FLOW LINE, ND WH, RELEASE TAC, FUNCTION TEST BOP, GOOD TEST, NU BOP, RU WORK FLOOR.
Start Time	End Time	Comment
16:45	17:45	POOH WITH 24 JNTS TBG BREAKING EVERY CONNECTION AND INSPECTING THREADS FOR DAMAGE OR GALLING, APPLY LIQUID O RING AND RETORQUE TO SPEC. TALLY OUT.
Start Time	End Time	Comment
17:45	18:00	SWIFN, CLEAN LOCATION, SDFN.
Start Time	End Time	Comment
18:00	19:30	TRAVEL TIME
Report Start Date	Report End Date	24hr Activity Summary
10/10/2014	10/10/2014	FINISH POOH W/ TBG. PUMU PKR ASSY
Start Time	End Time	Comment
05:30	07:00	TRAVEL TIME
Start Time	End Time	Comment
07:00	11:30	CHECK TBG AND CSG PRESSURES, TBG AND CSG 10 PSI, BD WELL AND OPEN BOP. FINISH POOH WITH TBG BREAKING EVERY CONNECTION, CLEANING AND INSPECTING THREADS FOR DAMAGE OR GALLING, APPLY LIQUID O RING AND RETORQUE TO SPEC, TALLY OUT. LD EXCESS TBG FROM BOTTOM OF STRING ON TRAILER.
Start Time	End Time	Comment
11:30	13:30	PUMU PACKER ASSY, TIH WITH PACKER AND 129 JNTS TBG
Start Time	End Time	Comment
13:30	14:00	PUMP 10 BBLS PAD AND DROP S.V. PUMP TO PSN. PRESSURE UP TBG TO 3000 PSI AND START TIMER.
Start Time	End Time	Comment
14:00	17:00	PT TBG CHECKING EVERY 5 MINUTES. FAILED TESTS. BUMP UP AND RETEST WHEN NEEDED, STILL UNSUCCESSFUL TESTING, PRESSURE UP FOR THE WEEKEND AND SWIFN, CLEAN LOCATION, SDFN.
Start Time	End Time	Comment
17:00	18:30	TRAVEL TIME



Well Name: Federal 14-9-9-16

Job Detail Summary Report

Daily Operations		Report End Date	24hr Activity Summary
Report Start Date	10/13/2014	10/13/2014	WILL FINISH PT TBG AND SET PKR, PT CSG AND CALL FOR MIT
Start Time	05:30	End Time	07:00
Start Time	07:00	End Time	08:30
Start Time	08:30	End Time	09:30
Start Time	09:30	End Time	10:15
Start Time	10:15	End Time	11:00
Start Time	11:00	End Time	11:30
Start Time	11:30	End Time	14:00
Start Time	14:00	End Time	16:00
Start Time	16:00	End Time	17:30
Report Start Date	10/14/2014	Report End Date	10/14/2014
24hr Activity Summary	MIT IN THE MORNING AND MOVE TO NEXT WELL IN THE MORNING.		
Start Time	05:30	End Time	07:00
Start Time	07:00	End Time	08:00
Start Time	08:00	End Time	11:00
Start Time	11:00	End Time	16:00
Start Time	16:00	End Time	17:30

Comment	Travel time
CHECK TBG PRESSURE, TBG 2900 PSI, BUMP UP AND RETEST, FINALLY GOT A GOOD TBG TEST.	
RU SANDLINE AND FISHING TOOLS, RIH WITH SANDLINE TO CATCH S.V. POOH WITH SANDLINE AND RD TOOLS	
RD WORK FLOOR, ND BOP, LAND TBG AND RU HOT OILER TO CSG	
PUMP 50 BBLs PACKER FLUID DOWN CSG	
ND WH, SET PACKER AND PACK OFF, LAND TBG IN 15K TENSION, NU WH.	
FILL CSG AND PRESSURE UP TO 1500 PSI, START TIMER, FAILED TEST, BUMP UP AND RETEST MULTIPLE TIMES, FINALLY GOT A GOOD TEST, CALL MIT.	
ON STANDBY WAITING FOR MIT TO SHOW UP. RU MIT AND PERFORM TEST 3 TIMES, FAILED ALL 3 TESTS FOR GAINING TOO MUCH PRESSURE. SWIFN, CLEAN LOCATION, SDFN.	
CHECK CSG PRESSURE, 1375 PSI, BUMP UP TO 1500 PSI, WAIT FOR WELL TO STABILIZE AND PERFORM MIT. MIT FAILED DUE TO LOSS OF 8 PSI IN 30 MINUTES.	
WAIT FOR WELL TO STABILIZE AND PERFORM MIT AGAIN, MIT FAILED DUE TO LOSS OF 9 PSI IN 30 MINUTES.	
WAIT FOR WELL TO STABILIZE, PERFORM MIT AND FAILED DUE TO LOSS OF 7 PSI IN 30 MINUTES. BLEED DOWN ANY AND ALL POSS. AIR IN CSG, BUMP UP TO 1500 PSI, SWIFN, CLEAN LOCATION, SDFN	



Well Name: Federal 14-9-9-16

Job Detail Summary Report

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary	Start Time	End Time	Comment
10/15/2014	10/15/2014	MIT AND MOVE TO NEXT WELL OR ROUND TRIP FOR A PACKER.	05:30	07:00	Travel time
	07:00		10:15		Comment CHECK CSG PRESSURE, 1200 PSI, LOST 300 PSI OVERNIGHT, WAIT FOR MIT TO SHOW UP, PERFORM MIT AND FAILED TEST, BLEED DOWN CSG TO 1000 PSI AND PERFORM MIT AGAIN, STILL FAILED TEST, LOSS OF 8 PSI IN 30 MINUTES
	10:15		11:30		Comment BD TBG AND CSG, ND WH, RELEASE PACKER AND NU BOP, FUNCTION TEST BOP BEFORE INSTALLING ON WH, GOOD TEST, RU WORK FLOOR
	11:30		12:45		Comment POOH WITH TBG AND PACKER.
	12:45		13:45		Comment TIH WITH NEW PACKER AND TBG.
	13:45		15:45		Comment PUMP 10 BBLS PAD AND DROP S.V. PUMP TO PSN AND PT TBG TO 3000 PSI, FAILED TEST, BUMP UP AND RETEST, FINALLY GOT A GOOD TBG TEST.
	15:45		16:45		Comment RU SANDLINE AND FISHING TOOLS, RIH TO CATCH S.V. POOH WITH SANDLINE AND RD TOOLS
	16:45		17:30		Comment RD WORK FLOOR, ND BOP, LAND TBG ON INJECTION TREE, NU WH.
	17:30		18:15		Comment RU HOT OILER AND PUMP 50 BBLS PACKER FLUID DOWN CSG
	18:15		18:45		Comment ND WH, SET PACKER AND PACK OFF, LAND TBG IN 15K TENSION, NU WH.
	18:45		19:15		Comment LOAD CSG AND PRESSURE UP TO 1400 PSI.
	19:15		19:30		Comment SWIFN, CLEAN LOCATION, SDFN
	19:30		21:00		Comment Travel time
10/16/2014	10/16/2014	24hr Activity Summary pt csg and call for mit.			
	05:30		07:00		Comment pt csg and call for mit.
	07:00		11:30		Comment CHECK CSG PRESSURE, CSG 1400 PSI, CALL FOR MIT, WAIT FOR MIT TO SHOW UP, RU AND PERFORM TEST, GAINED .8 PSI IN 30 MINUTES. GOOD TEST.



Well Name: Federal 14-9-9-16

Job Detail Summary Report

Start Time	11:30	End Time	12:30	Comment
Start Time	12:30	End Time	13:45	RD RIG, RACK OUT WINCH TRUCK AND TOOLS ROAD RIG TO THE 6-24-9-16.
Start Time	13:45	End Time	14:00	SPOT RIG, DISCONNECT EQUIPMENT, PREP TO RU RIG
Report Start Date	10/21/2014	Report End Date	10/21/2014	24hr Activity Summary
Start Time	11:30	End Time	12:00	Conduct MIT On 10/20/2014 Richard Powell with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/21/2014 the casing was pressured up to 1174 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 350 psig during the test. There was a State representative available to witness the test - Bart Kettle.

NEWFIELD

Schematic

Well Name: Federal 14-9-9-16

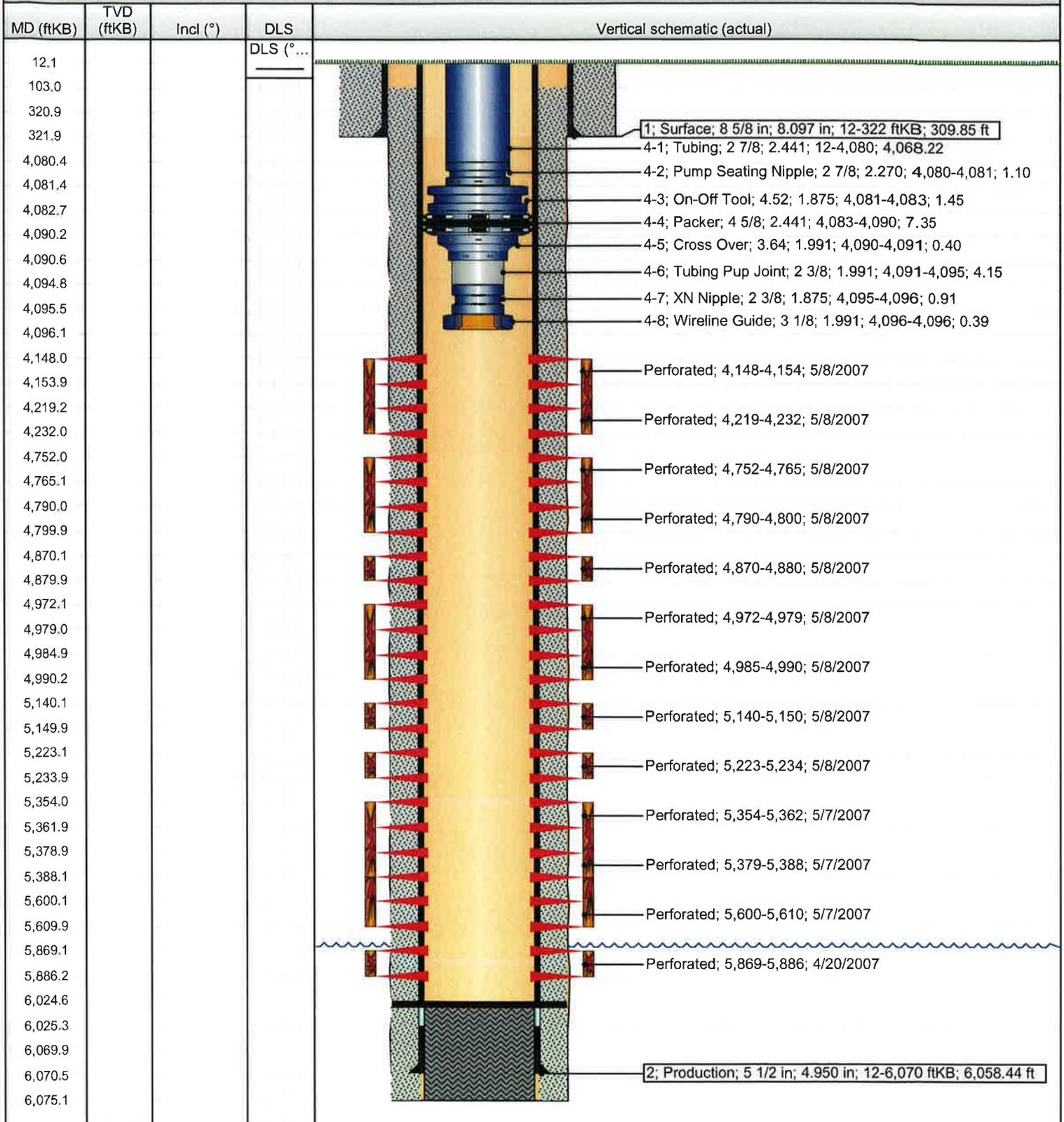
Surface Legal Location 09-9S-16E		API/UWI 43013330530000	Well RC 500155846	Lease	State/Province Utah	Field Name GMBU CTB5	County DUCHESNE
Spud Date 3/20/2007	Rig Release Date 4/20/2007	On Production Date 5/15/2007	Original KB Elevation (ft) 5,826	Ground Elevation (ft) 5,814	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 6,024.7	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 10/9/2014	Job End Date 10/21/2014
---------------------------------------	--------------------------------	-----------------------------	-----------------------------	----------------------------

TD: 6,075.0

Vertical - Original Hole, 10/22/2014 9:45:55 AM



NEWFIELD

Newfield Wellbore Diagram Data Federal 14-9-9-16



Surface Legal Location 09-9S-16E		API/UWI 43013330530000		Lease	
County DUCHESNE		State/Province Utah		Field Name GMBU CTB5	
Well Start Date 3/20/2007		Spud Date 3/20/2007		Final Rig Release Date 4/20/2007	
Original KB Elevation (ft) 5,826		Ground Elevation (ft) 5,814		Total Depth (ftKB) 6,075.0	
				Total Depth All (TVD) (ftKB) PBTD (All) (ftKB) Original Hole - 6,024.7	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	3/22/2007	8 5/8	8.097	24.00	J-55	322
Production	4/19/2007	5 1/2	4.950	15.50	J-55	6,070

Cement

String: Surface, 322ftKB 3/22/2007

Cementing Company BJ Services Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 321.9	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2% CaCL2 + 1/4#/sk Cello-Flake		Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 6,070ftKB 4/19/2007

Cementing Company BJ Services Company		Top Depth (ftKB) 103.0	Bottom Depth (ftKB) 6,075.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 10% gel + 3 % KCL, 3#/s /sk CSE + 2# sk/kolseal + 1/2#/s/sk Cello Flake		Fluid Type Lead	Amount (sacks) 300	Class Premlite II	Estimated Top (ftKB) 103.0
Fluid Description 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM		Fluid Type Tail	Amount (sacks) 450	Class 50/50 POZ	Estimated Top (ftKB) 3,089.0

String: Production, 6,070ftKB 4/19/2007

Cementing Company BJ Services Company		Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
Fluid Description		Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)

Tubing Strings

Tubing Description		Run Date		Set Depth (ftKB)				
Tubing		10/13/2014		4,096.0				
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	129	2 7/8	2.441	6.50	J-55	4,068.22	12.0	4,080.3
Pump Seating Nipple	1	2 7/8	2.270			1.10	4,080.3	4,081.4
On-Off Tool	1	4.515	1.875			1.45	4,081.4	4,082.8
Packer	1	4 5/8	2.441			7.35	4,082.8	4,090.2
Cross Over	1	3.635	1.991			0.40	4,090.2	4,090.6
Tubing Pup Joint	1	2 3/8	1.991			4.15	4,090.6	4,094.7
XN Nipple	1	2 3/8	1.875			0.91	4,094.7	4,095.6
Wireline Guide	1	3 1/8	1.991			0.39	4,095.6	4,096.0

Rod Strings

Rod Description		Run Date		Set Depth (ftKB)			
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Norm Hole Dia (in)	Date
8	GB4, Original Hole	4,148	4,154	4	120	0.490	5/8/2007
8	GB6, Original Hole	4,219	4,232	4	120	0.490	5/8/2007
7	D2, Original Hole	4,752	4,765	4	120	0.490	5/8/2007
7	D3, Original Hole	4,790	4,800	4	120	0.490	5/8/2007
6	C, Original Hole	4,870	4,880	4	120	0.490	5/8/2007
5	B2, Original Hole	4,972	4,979	4	120	0.490	5/8/2007
5	B2, Original Hole	4,985	4,990	4	120	0.490	5/8/2007
4	A1, Original Hole	5,140	5,150	4	120	0.490	5/8/2007
3	A3, Original Hole	5,223	5,234	4	120	0.490	5/8/2007
2	LODC, Original Hole	5,354	5,362	4	120	0.490	5/7/2007
2	LODC, Original Hole	5,379	5,388	4	120	0.490	5/7/2007
2	CP1, Original Hole	5,600	5,610	4	120	0.490	5/7/2007
1	CP4, Original Hole	5,869	5,886	4			4/20/2007

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,005	0.78	25.5	2,065			
2	1,840	0.76	25.0	2,170			

NEWFIELD

**Newfield Wellbore Diagram Data
Federal 14-9-9-16**



Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
3	3,151	1.02	25.2	3,151			
4	2,287	0.87	24.8	2,490			
5	2,350	0.89	24.8	27,274			
6	2,020	0.84	24.9	2,107			
7	1,900	0.92	24.7	2,635			
8	2,039	0.86	25.2	2,376			
9	1,940	0.9	25.2	1,969			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Sand 58920 lb
2		Proppant Sand 24630 lb
3		Proppant Sand 59848 lb
4		Proppant Sand 29710 lb
5		Proppant Sand 45023 lb
6		Proppant Sand 49798 lb
7		Proppant Sand 19413 lb
8		Proppant Sand 90249 lb
9		Proppant Sand 40824 lb

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
1. TYPE OF WELL Water Injection Well	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-79831
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
PHONE NUMBER: 435 646-4825 Ext	8. WELL NAME and NUMBER: FEDERAL 14-9-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0718 FSL 1976 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 09 Township: 09.0S Range: 16.0E Meridian: S	9. API NUMBER: 43013330530000
	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
	COUNTY: DUCHESNE
	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/27/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 10:40 AM on 01/27/2015.

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: February 11, 2015

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/28/2015	



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

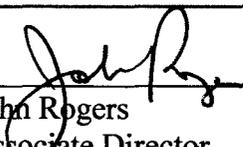
Cause No. UIC-418

Operator: Newfield Production Company
Well: Federal 14-9-9-16
Location: Section 9, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33053
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on April 1, 2014.
2. Maximum Allowable Injection Pressure: 1,804 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,004' – 6,025')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: _____


John Rogers
Associate Director

1-22-15
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Jill Loyle, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 1, 2014

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 14-9-9-16, Section 9, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33053

Newfield Production Company:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 4,004 feet in the Federal 14-9-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

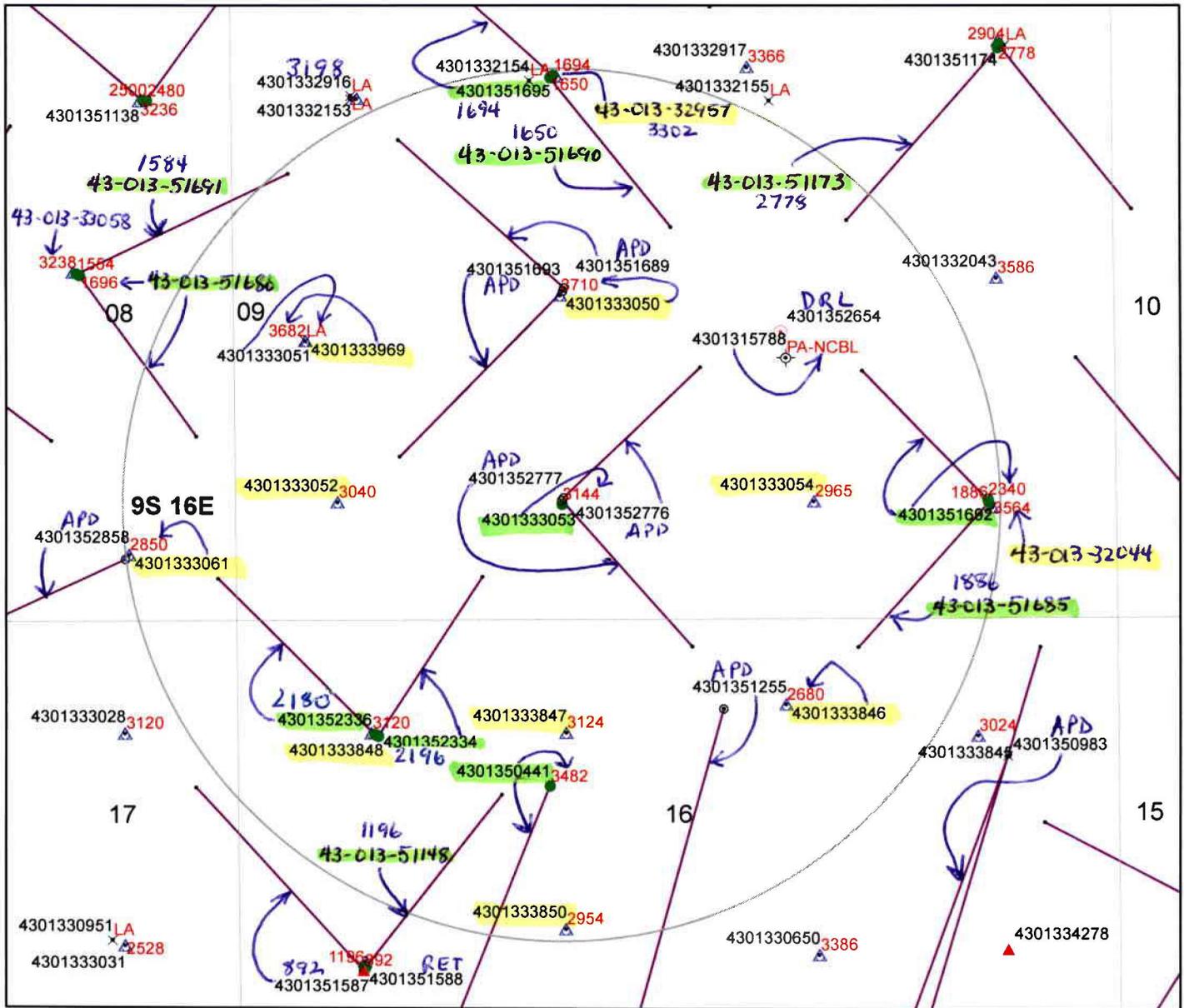
Sincerely,

John Rogers
Associate Director

JR/MLR/js
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





Legend

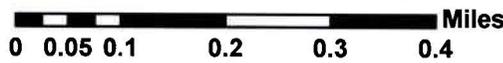
Oil & Gas Well Type

- APD-Approved Permit
- ⊙ DRL-Spudded (Drilling Commenced)
- ⊗ GIW-Gas Injection Well
- _{CS} GSW-Gas Storage Well
- × LA-Location Abandoned
- LOC-New Location Well
- ⊙ OPS-Drilling Operations Suspended
- ⊙ PA-Pugged & Abandoned
- ⊙ PGW-Producing Gas Well
- POW-Producing Oil Well *in Act*
- ▲ RET-Returned APD
- ⊙ SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- ⊗ TA-Temp Abandoned
- TW-Test Well
- ⊙ WDW-Water Disposal Well
- △ WW-Water Injection Well *in Act*
- WSW-Water Supply Well

- 4585 Depth to top of suitable cement bond
- Well Bottom Hole Location
- Oil & Gas Wells Hole Directional Path
Wells-CbltopsMaster 1-31-13
- DNR Oil Gas Wells Buffer
- County Boundaries
- PLSS Sections
- PLSS Townships

**Cement Bond Tops
Federal 14-9-9-16
API #43-013-33053
UIC-418.5**

(updated 1/21/2015)



**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Federal 14-9-9-16

Location: 9/9S/16E **API:** 43-013-33053

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM and the State of Utah. The Federal Government and the State Of Utah are the mineral owners within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 322 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,070 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,144 feet or higher. A 2 7/8 inch tubing with a packer will be set at 4,098 feet. Higher perforations may be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (1/21/2015), based on surface locations, there are 8 producing wells, 11 injection wells, and 1 P/A well in the AOR. One of the producing wells is directionally drilled, with a surface location inside the AOR and a bottom hole location outside the AOR, and there is a horizontal well with a surface location inside the AOR and bottom hole location outside the AOR. In addition, there are 4 directional producing wells with surface locations outside the AOR and bottom hole locations inside the AOR. Finally, there is 1 approved surface location inside the AOR for a horizontal well to be drilled to a bottom hole location outside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2300 feet. Injection shall be limited to the interval between 4,004 feet and 6,025 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 14-9-9-16 well is 0.76 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,804 psig. The requested maximum pressure is 1,804 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 14-9-9-16

page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date: 3/31/2014 (revised 1/21/2015)

4770 S. 5600 W.
 P.O. BOX 704005
 WEST VALLEY CITY, UTAH 84170
 FED. TAX I.D.# 87-0217663
 801-204-6910

The Salt Lake Tribune

MEDIAONE

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	RECEIVED	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, Rose Nolton 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	MAR 05 2014 DIV OF OIL GAS & MINING	900	

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE
8015385340	0000941195 /
SCHEDULE	
Start 02/22/2014	End 02/22/2014
CUST. REF. NO.	
Newfield Cause UIC-418	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATU	
SIZE	
96 Lines	2.00 COLUMN
TIMES	RATE
3	
MISC. CHARGES	AD CHARGES
TOTAL COST	
327.56	

BEFORE THE DIVISION OF OIL, GAS AND MINING
 DEPARTMENT OF NATURAL RESOURCES
 STATE OF UTAH
 NOTICE OF AGENCY ACTION
 CAUSE NO. UIC-418

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25 and 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, and SECTIONS 9, 13, 16, 17, 20, 22, and 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

- Greater Monument Butte Units:
- Ashley Federal 14-25-9-15 well located in SE/4 SW/4, Section 25, Township 9 South, Range 15 East
API 43-013-32912
- Ashley Federal 16-25-9-15 well located in SE/4 SE/4, Section 25, Township 9 South, Range 15 East
API 43-013-32951
- Ashley Federal 14-26-9-15 well located in SE/4 SW/4, Section 26, Township 9 South, Range 15 East
API 43-013-32907
- Ashley Federal 16-26-9-15 well located in SE/4 SE/4, Section 26, Township 9 South, Range 15 East
API 43-013-32913
- Federal 14-9-9-16 well located in SE/4 SW/4, Section 9, Township 9 South, Range 16 East
API 43-013-33053
- South Wells Draw 16-9-9-16 well located in SE/4 SE/4, Section 9, Township 9 South, Range 16 East
API 43-013-32044
- Federal 2-13-9-16 well located in NW/4 NE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32659
- Federal 8-13-9-16 well located in SE/4 NE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32655
- Federal 14-13-9-16 well located in SE/4 SW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32649
- State 16-1-0 well located in SW/4 SE/4, Section 16, Township 9 South, Range 16 East
API 43-013-31022
- Federal 9-17-9-16 well located in NE/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33032
- Federal 10-20-9-16 well located in NW/4 SE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33108
- Monument Federal 11-22-9-16Y well located in NW/4 NW/4, Section 22, Township 9 South, Range 16 East
API 43-013-31647
- Federal 7-23 well located in SW/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-20662

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 18th day of February, 2014,
 STATE OF UTAH
 DIVISION OF OIL, GAS & MINING
 by
 Brad Hill
 Permitting Manager

941195

UPAXLP

AFFIDAVIT OF PUBLICATION

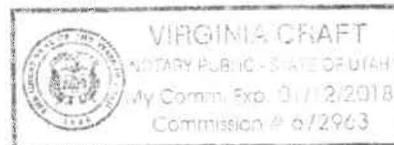
AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH, CAUSE NO. UIC-418 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS IN ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION ON UTAHLEGALS.COM INDEFINATELY. COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101, 46-3-104.

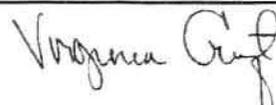
PUBLISHED ON Start 02/22/2014 End 02/22/2014

SIGNATURE 

DATE 2/25/2014

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
 PLEASE PAY FROM BILLING STATEMENT




 NOTARY SIGNATURE

2250/REB/GG/OLIC ADMIN/GF13/6131

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 25 day of February, 2014, and that the last publication of such notice was in the issue of such newspaper dated the 25 day of February, 2014, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.



Publisher

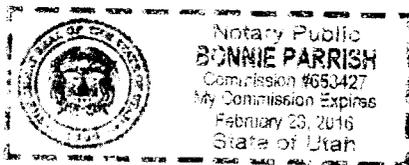
Subscribed and sworn to before me on this

26 day of February, 2014

by Kevin Ashby.



Notary Public



**BEFORE THE
DIVISION
OF OIL, GAS
AND MINING,
DEPART-
MENT OF
NATURAL
RESOURCES,
STATE OF
UTAH,
NOTICE OF
AGENCY
ACTION,
CAUSE NO.
UIC-418**

IN THE MATTER OF THE APPLICATION OF NEW-FIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25 and 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, and SECTIONS 9, 13, 16, 17, 20, 22, and 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, tele-

25-9-15 well located in SE/4 SE/4, Section 25, Township 9 South, Range 15 East API 43-013-32951 Ashley Federal 14-26-9-15 well located in SE/4 SW/4, Section 26, Township 9 South, Range 15 East API 43-013-32907 Ashley Federal 16-26-9-15 well located in SE/4 SE/4, Section 26, Township 9 South, Range 15 East API 43-013-32913 Federal 14-9-9-16 well located in SE/4 SW/4, Section 9, Township 9 South, Range 16 East API 43-013-33053 South Wells Draw 16-9-9-16 well located in SE/4 SE/4, Section 9, Township 9 South, Range 16 East API 43-013-32044 Federal 2-13-9-16 well located in NW/4 NE/4, Section 13, Township 9 South, Range 16 East API 43-013-32659 Federal 8-13-9-16 well located in SE/4 NE/4, Section 13, Township 9 South, Range 16 East API 43-013-32655 Federal 14-13-9-16 well located in SE/4 SW/4, Section 13, Township 9 South, Range 16 East API 43-013-32649 State 16-1-O well located in SW/4 SE/4, Section 16, Township 9 South, Range 16 East API 43-013-31022 Federal 9-17-9-16 well located in NE/4 SE/4, Section 17, Township 9 South, Range 16 East API 43-013-33032 Federal 10-20-9-16 well located in NW/4 SE/4, Section 20, Township 9 South, Range 16 East API 43-013-33108 Monument Federal 11-22-9-16Y well located in NW/4 NW/4, Section 22, Township

City, UT 84114-5801,
phone number (801)
538-5340. If such
a protest or notice
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will be scheduled in
accordance with the
aforementioned ad-
ministrative procedur-
al rules. Protestants
and/or interveners
should be prepared
to demonstrate at
the hearing how this
matter affects their
interests.

Dated this 18th day
of February, 2014.

STATE OF UTAH
DIVISION OF
OIL, GAS & MIN-
ING

/s/

Brad Hill
Permitting Man-
ager

Published in the
Uintah Basin Stan-
dard February 25, 2014.

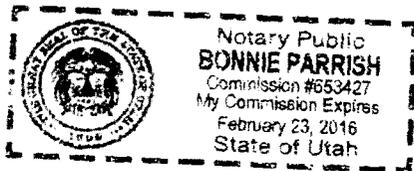
Formation will be
used for water injec-
tion. The maximum
requested injection
pressures and rates
will be determined
based on fracture
gradient informa-
tion submitted by
Newfield Production
Company.

Any person
desiring to object to
the application or
otherwise intervene
in the proceeding,
must file a written
protest or notice of
intervention with
the Division within
fifteen days following
publication of this
notice. The Division's
Presiding Officer
for the proceeding is
Brad Hill, Permitting
Manager, at P.O. Box
145801, Salt Lake

26 day of February, 20 14

by Kevin Ashby.

Bonnie Parrish
Notary Public



IN SECTIONS 25
and 26, TOWNSHIP
9 SOUTH, RANGE
15 EAST, and
SECTIONS 9, 13,
16, 17, 20, 22, and
23, TOWNSHIP 9
SOUTH, RANGE 16
EAST, DUCHESNE
COUNTY, UTAH,
AS CLASS II INJEC-
TION WELLS.

THE STATE OF
UTAH TO ALL PER-
SONS INTERESTED
IN THE ABOVE
ENTITLED MAT-
TER.

Notice is hereby
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sion of Oil, Gas and
Mining (the "Divi-
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an informal adjudi-
cative proceeding
to consider the ap-
plication of Newfield
Production Company,
1001 17th Street,
Suite 2000, Denver,
Colorado 80202, tele-
phone 303-893-0102,
for administrative
approval of the fol-
lowing wells located
in Duchesne County,
Utah, for conversion
to Class II injection
wells:

Greater Monument
Butte Unit:

Ashley Federal 14-
25-9-15 well located
in SE/4 SW/4, Sec-
tion 25, Township 9
South, Range 15 East
API 43-013-32912
Ashley Federal 16-

Range 16 East
API 43-013-32655
Federal 14-13-9-16
well located in SE/4
SW/4, Section 13,
Township 9 South,
Range 16 East
API 43-013-32649
State 16-1-O well
located in SW/4
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Township 9 South,
Range 16 East
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Federal 9-17-9-16
well located in NE/4
SE/4, Section 17,
Township 9 South,
Range 16 East
API 43-013-33032
Federal 10-20-9-16
well located in NW/4
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Monument Federal
11-22-9-16Y well lo-
cated in NW/4 NW/4,
Section 22, Township
9 South, Range 16
East
API 43-013-31647
Federal 7-23 well
located in SW/4
NE/4, Section 23,
Township 9 South,
Range 16 East
API 43-013-30662
The proceeding
will be conducted in
accordance with Utah
Admin. R649-10,
Administrative Proce-
dures.
Selected zones
in the Green River

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-418

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25 and 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, and SECTIONS 9, 13, 16, 17, 20, 22, and 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Greater Monument Butte Unit:

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API 43-013-32912
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API 43-013-32951
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API 43-013-32907
Ashley Federal 16-26-9-15 well located in SE/4 SE/4, Section 26, Township 9 South, Range 15 East
API 43-013-32913
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API 43-013-33053
South Wells Draw 16-9-9-16 well located in SE/4 SE/4, Section 9, Township 9 South, Range 16 East
API 43-013-32044
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API 43-013-32659
Federal 8-13-9-16 well located in SE/4 NE/4, Section 13, Township 9 South, Range 16 East
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API 43-013-33108
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Federal 7-23 well located in SW/4 NE/4, Section 23, Township 9 South, Range 16 East
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Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 18th day of February, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**ASHLEY FEDERAL 14-25-9-15, ASHLEY FEDERAL 16-25-9-15,
ASHLEY FEDERAL 14-26-9-15, ASHLEY FEDERAL 16-26-9-15,
FEDERAL 14-9-9-16, SOUTH WELLS DRAW 16-9-9-16,
FEDERAL 2-13-9-16, FEDERAL 8-13-9-16, FEDERAL 14-13-9-16,
STATE 16-1-O, FEDERAL 9-17-9-16, FEDERAL 10-20-9-16,
MONUMENT FEDERAL 11-22-9-16Y, FEDERAL 7-23.**

Cause No. UIC-418

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

SITLA
675 E 500 S Ste 500
Salt Lake City, UT 84102-2818

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

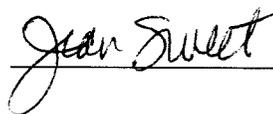
Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 20, 2014

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-418

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Jean Sweet <jsweet@utah.gov>

Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-418

UB Standard Legals <ubslegals@ubmedia.biz>
To: Jean Sweet <jsweet@utah.gov>

Thu, Feb 20, 2014 at 3:52 PM

On 2/20/2014 9:52 AM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

—
Jean Sweet
Executive Secretary
Utah Division of Oil, Gas and Mining
801-538-5329

Received. It will be published Feb. 25.

Thank you.

Cindy



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 20, 2014

Via e-mail naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-418

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Order Confirmation for Ad #0000941195-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210,P.O. BO: SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
EMAIL	juliecarter@utah.gov	Jean	kstowe

Total Amount	\$327.56			
Payment Amt	\$0.00			
Amount Due	\$327.56	Tear Sheets	Proofs	Affidavits
		0	0	1
Payment Method		PO Number	Newfield Cause UIC-4	
Confirmation Notes:				
Text:	Jean			

Ad Type	Ad Size	Color
Legal Liner	2.0 X 96 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	2/22/2014	
Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	2/22/2014	
Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	2/22/2014	

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-418

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25 and 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, and SECTIONS 9, 13, 16, 17, 20, 22, and 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Ashley Federal 14-25-9-15 well located in SE/4 SW/4, Section 25, Township 9 South, Range 15 East
API 43-013-32912
Ashley Federal 16-25-9-15 well located in SE/4 SE/4, Section 25, Township 9 South, Range 15 East
API 43-013-32951
Ashley Federal 14-26-9-15 well located in SE/4 SW/4, Section 26, Township 9 South, Range 15 East
API 43-013-32907
Ashley Federal 16-26-9-15 well located in SE/4 SE/4, Section 26, Township 9 South, Range 15 East
API 43-013-32913
Federal 14-9-9-16 well located in SE/4 SW/4, Section 9, Township 9 South, Range 16 East
API 43-013-33053
South Wells Draw 16-9-9-16 well located in SE/4 SE/4, Section 9, Township 9 South, Range 16 East
API 43-013-32044
Federal 2-13-9-16 well located in NW/4 NE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32659
Federal 8-13-9-16 well located in SE/4 NE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32655
Federal 14-13-9-16 well located in SE/4 SW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32649
State 16-1-0 well located in SW/4 SE/4, Section 16, Township 9 South, Range 16 East
API 43-013-31022
Federal 9-17-9-16 well located in NE/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33032
Federal 10-20-9-16 well located in NW/4 SE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33108
Monument Federal 11-22-9-16Y well located in NW/4 NW/4, Section 22, Township 9 South, Range 16 East
API 43-013-31647
Federal 7-23 well located in SW/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-30662

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Greer River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 18th day of February, 2014.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
s/ Brad Hill
Permitting Manager

941195 UPAXIP

NEWFIELD



Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

February 7, 2014

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RECEIVED

FEB 10 2014

DIV. OF OIL, GAS & MINING

RE: Permit Application for Water Injection Well
Federal #14-9-9-16
Monument Butte Field, Lease #UTU-79831
Section 9-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #14-9-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Jill L. Loyle".

Jill L Loyle
Regulatory Associate

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #14-9-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-79831
FEBRUARY 7, 2014

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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

FEDERAL 14-9-9-16

Spud Date: 03/20/07
 Put on Production: 05/15/07
 GL: 5814' KB: 5826'

Proposed Injection Wellbore Diagram

SURFACE CASING

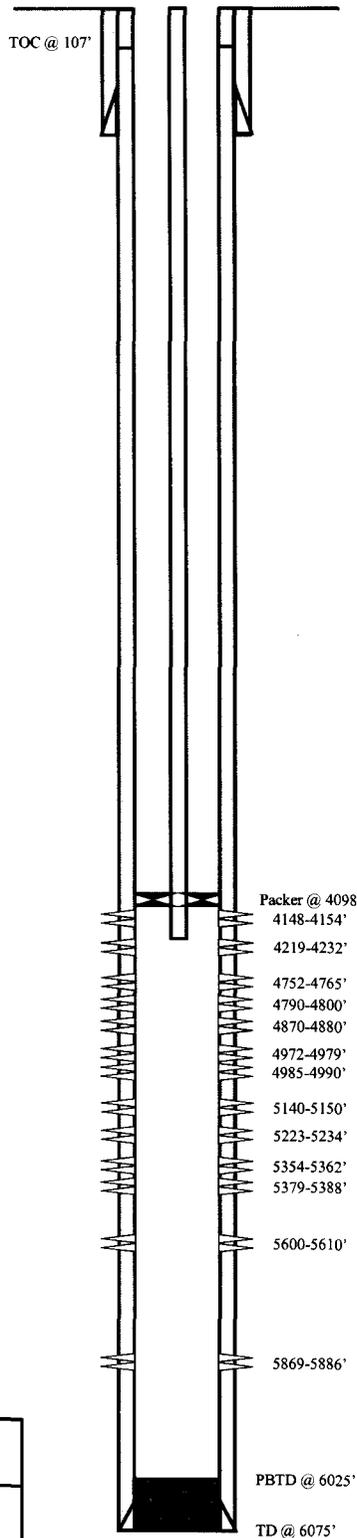
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7jts (311.85')
 DEPTH LANDED: 321.85'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160sxs Class "G", circ. 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137jts (6072.44')
 DEPTH LANDED: 6070.44'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Premlite II & 450 sxs 50/50 POZ.
 CEMENT TOP: 103' per CBL 4/18/07

TUBING (KS 11/28/12)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 185jts (5833.4')
 TUBING ANCHOR: 5845.4'
 NO. OF JOINTS: 1jt (31.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5879.8'
 NO. OF JOINTS: 1jt (31.6')
 NOTCHED COLLAR: 2-7/8" (0.5')
 TOTAL STRING LENGTH: EOT @ 5913'



FRAC JOB

05/07/07	5869-5886'	Frac CP4 sands as follows: 58920# 20/40 sand in 518 bbls Lightning 17 frac fluid.
05/07/07	5600-5610'	Frac CP1 sands as follows: 24630# 20/40 sand in 362 bbls Lightning 17 frac fluid.
05/08/07	5354-5388'	Frac LODC sands as follows: 59848# 20/40 sand in 500 bbls Lightning 17 frac fluid.
05/08/07	5223-5234'	Frac A3 sands as follows: 29710# 20/40 sand in 343 bbls Lightning 17 frac fluid.
05/08/07	5140-5150'	Frac A1 sands as follows: 45023# 20/40 sand in 417 bbls Lightning 17 frac fluid.
05/08/07	4985-4990'	Frac B2 sands as follows: 49798# 20/40 sand in 438 bbls Lightning 17 frac fluid.
05/08/07	4870-4979	Frac C sands as follows: 19413# 20/40 sand in 293 bbls Lightning 17 frac fluid.
05/08/07	4752-4800	Frac D3 & D2 sands as follows: 90249# 20/40 sand in 1959 bbls Lightning 17 frac fluid.
05/08/07	4148-4232	Frac GB6 & GB4 sands as follows: 40824# 20/40 sand in 382 bbls Lightning 17 frac fluid.
05/23/08		updated rod and tubing detail
03/12/11		Parted Rods. Rod & tubing details updated

PERFORATION RECORD

04/18/07	5869-5886'	4 JSPF	68 holes
05/07/07	5600-5610'	4 JSPF	40 holes
05/07/07	5379-5388'	4 JSPF	36 holes
05/08/07	5354-5362'	4 JSPF	32 holes
05/08/07	5223-5234'	4 JSPF	44 holes
05/08/07	5140-5150'	4 JSPF	40 holes
05/08/07	4985-4990'	4 JSPF	20 holes
05/08/07	4972-4979'	4 JSPF	28 holes
05/08/07	4870-4880'	4 JSPF	40 holes
05/08/07	4790-4800'	4 JSPF	40 holes
05/08/07	4752-4765'	4 JSPF	52 holes
05/08/07	4219-4232'	4 JSPF	52 holes
05/08/07	4148-4154'	4 JSPF	24 holes

NEWFIELD

FEDERAL 14-9-9-16

718'FSL & 1976' FWL
 SE/SW Section 9-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33053; Lease # UTU-79831

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Federal #14-9-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Federal #14-9-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (4004' - 6023'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3677' and the TD is at 6075'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Federal #14-9-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-79831) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**

- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 322' KB, and 5-1/2", 15.5# casing run from surface to 6070' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1804 psig.

2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Federal #14-9-9-16, for existing perforations (4148' - 5886') calculates at 0.76 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1804 psig. We may add additional perforations between 3677' and 6075'. See Attachments G and G-1.

2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Federal #14-9-9-16, the proposed injection zone (4004' - 6025') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-15.

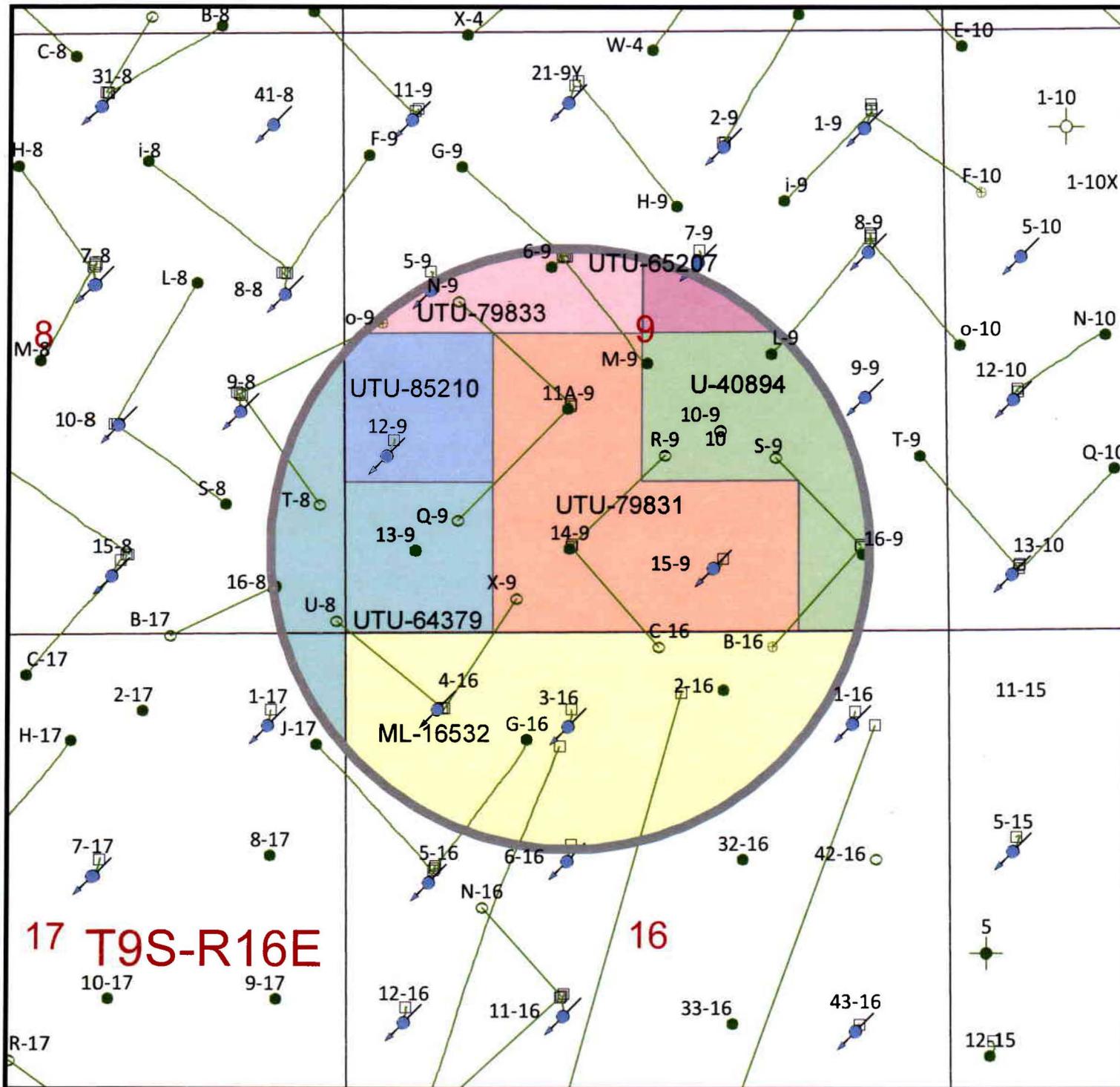
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



Lease Number

- ML-16532
- U-40894
- UTU-64379
- UTU-65207
- UTU-79831
- UTU-79833
- UTU-85210

Well Status

- Half-Mile Buffer
- Location
- CTI
- Surface Spud
- Drilling
- Waiting on Completion
- Producing Oil Well
- Producing Gas Well
- Water Injection Well
- Dry Hole
- Temporarily Abandoned
- Plugged & Abandoned
- Shut In
- Well Surface Location

Federal 14-9-9-16
Section 9, T9S-R16E

NEWFIELD
ROCKY MOUNTAINS¹ in = 1,250 feet

1/2 Mile Radius Map
Duchesne County

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone (303) 893-0102

Jan. 6, 2014

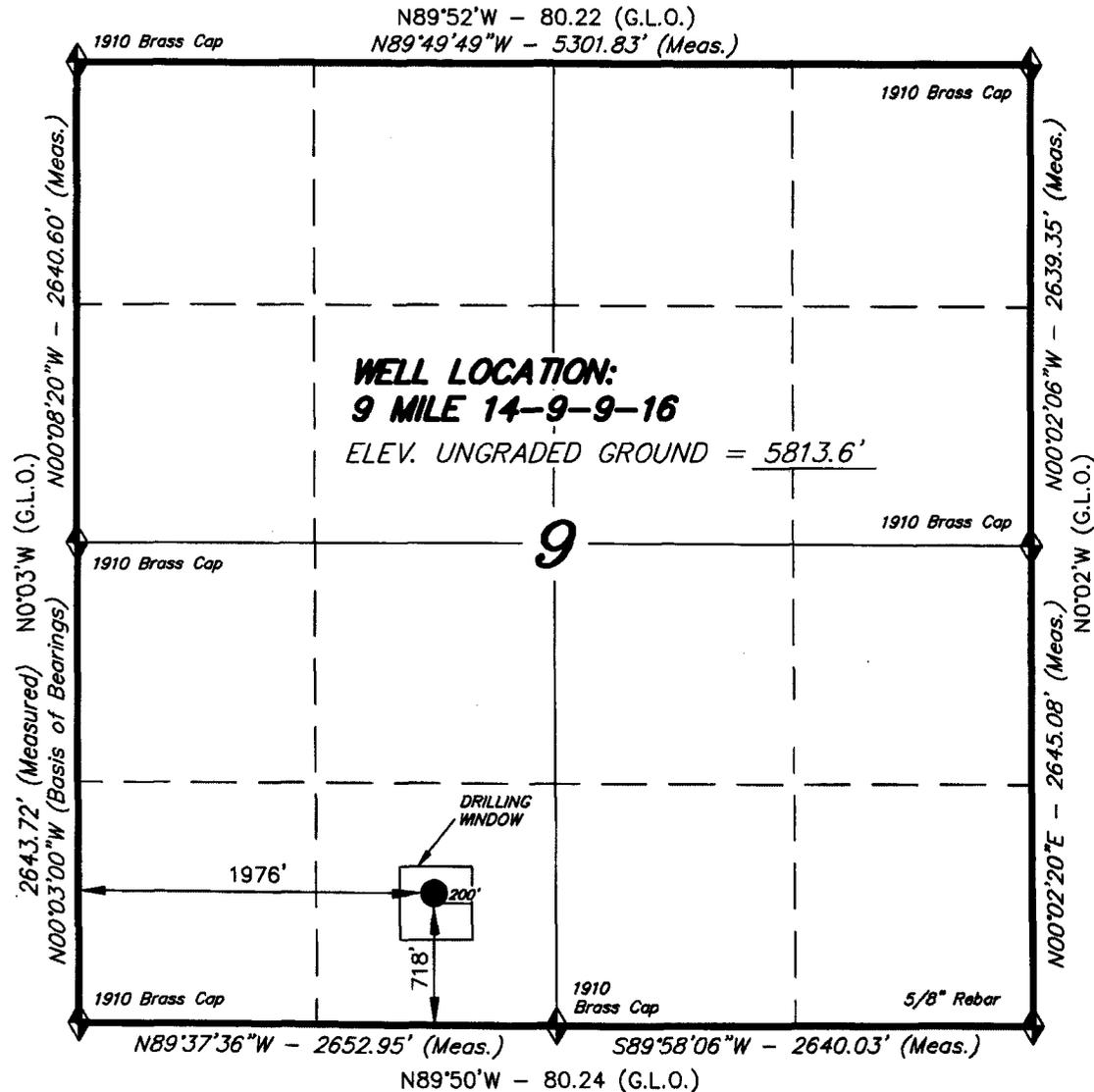
17 T9S-R16E

16

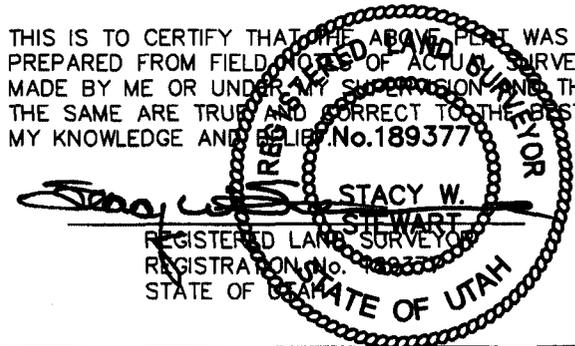
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 14-9-9-16,
 LOCATED AS SHOWN IN THE SE 1/4 SW
 1/4 OF SECTION 9, T9S, R16E, S.L.B.&M.
 DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF. No. 189377



TRI STATE LAND SURVEYING & CONSULTING
 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 1-17-06	SURVEYED BY: C.M.
DATE DRAWN: 1-19-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
 U.S.G.S. 7-1/2 min QUAD (MYTON SE)

9 MILE 14-9-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 02' 24.26"
 LONGITUDE = 110° 07' 36.18"

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 16: ALL	State of Utah ML 16532 HBP	QEP Energy Company El Paso E&P Company, LP Isramco Resources Inc Brave River Production Santa Fe Snyder Corporation Santa Fe Snyder Corporation Oxy USA Inc MYCO Industries Inc ABO Petroleum Corporation Yates Petroleum Corporation Newfield RMI LLC Newfield Production Company	State of Utah
2	T9S-R16E SLM Section 9: N2SE, SESE	USA UTU-40894 HBP	Newfield Production Company Newfield RMI LLC	USA
3	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3,4 Section 19: NE, E2NW, LOTS 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
4	T9S-R16E SLM Section 9: NE, NENW Section 10: N2NW	USA UTU-65207 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Corp Yates Petroleum Corp	USA

5	T9S-R16E SLM Section 9: E2SW, SWSE	USA UTU-79831 HBP	Newfield Production Company Newfield RMI LLC	USA
6	T9S-R16E SLM Section 8: SENE Section 9: S2NW	USA UTU-79833 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Corp Yates Petroleum Corp	USA
7	T9S-R16E SLM Section 9: NWSW	USA UTU-85210 HBP	Newfield Production Company	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #14-9-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Jill I. Loyle
Regulatory Associate

Sworn to and subscribed before me this 7th day of February, 2014.

Notary Public in and for the State of Colorado: Lydia Biondo

My Commission Expires: 12/31/15

LYDIA BIONDO
Notary Public
State of Colorado

FEDERAL 14-9-9-16

Spud Date: 03/20/07
 Put on Production: 05/15/07
 GL: 5814' KB: 5826'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7jts (311.85')
 DEPTH LANDED: 321.85'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160sxs Class "G", circ. 5 bbls to surf.

PRODUCTION CASING

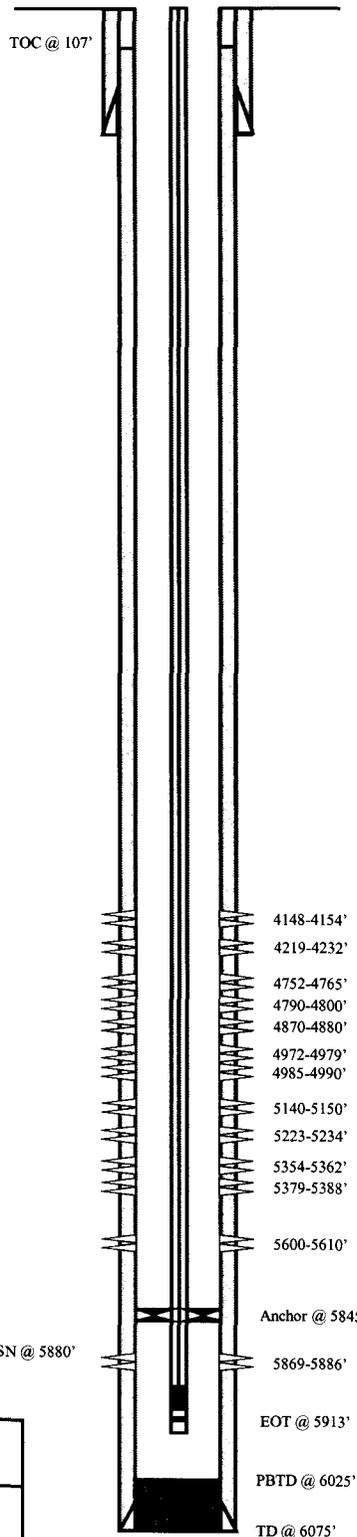
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137jts (6072.44')
 DEPTH LANDED: 6070.44'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Premlite II & 450 sxs 50/50 POZ.
 CEMENT TOP: 103' per CBL 4/18/07

TUBING (KS 11/28/12)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 185jts (5833.4')
 TUBING ANCHOR: 5845.4'
 NO. OF JOINTS: 1jt (31.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5879.8'
 NO. OF JOINTS: 1jt (31.6')
 NOTCHED COLLAR: 2-7/8" (0.5')
 TOTAL STRING LENGTH: EOT @ 5913'

SUCKER RODS (KS 11/28/12)

POLISHED ROD: 26' x 1-1/2" Polished Rod
 SUCKER RODS: 99 x 3/4" 4per Guided Rods, 111 x 3/4" Sucker Rods, 18 x 3/4" 4per Guided Rods, 6 x 1-1/2" Sinker Bars
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 16' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 3.9
 PUMPING UNIT: AMERICAN C-228-246-86



FRAC JOB

05/07/07	5869-5886'	Frac CP4 sands as follows: 58920# 20/40 sand in 518 bbls Lightning 17 frac fluid.
05/07/07	5600-5610'	Frac CP1 sands as follows: 24630# 20/40 sand in 362 bbls Lightning 17 frac fluid.
05/08/07	5354-5388'	Frac LODC sands as follows: 59848# 20/40 sand in 500 bbls Lightning 17 frac fluid.
05/08/07	5223-5234'	Frac A3 sands as follows: 29710# 20/40 sand in 343 bbls Lightning 17 frac fluid.
05/08/07	5140-5150'	Frac A1 sands as follows: 45023# 20/40 sand in 417 bbls Lightning 17 frac fluid.
05/08/07	4985-4990'	Frac B2 sands as follows: 49798# 20/40 sand in 438 bbls Lightning 17 frac fluid.
05/08/07	4870-4979	Frac C sands as follows: 19413# 20/40 sand in 293 bbls Lightning 17 frac fluid.
05/08/07	4752-4800	Frac D3 & D2 sands as follows: 90249# 20/40 sand in 1959 bbls Lightning 17 frac fluid.
05/08/07	4148-4232	Frac GB6 & GB4 sands as follows: 40824# 20/40 sand in 382 bbls Lightning 17 frac fluid.
05/23/08		updated rod and tubing detail
03/12/11		Parted Rods. Rod & tubing details updated

PERFORATION RECORD

04/18/07	5869-5886'	4 JSPF	68 holes
05/07/07	5600-5610'	4 JSPF	40holes
05/07/07	5379-5388'	4 JSPF	36 holes
05/08/07	5354-5362'	4 JSPF	32 holes
05/08/07	5223-5234'	4 JSPF	44 holes
05/08/07	5140-5150'	4 JSPF	40 holes
05/08/07	4985-4990'	4 JSPF	20 holes
05/08/07	4972-4979'	4 JSPF	28 holes
05/08/07	4870-4880'	4 JSPF	40 holes
05/08/07	4790-4800'	4 JSPF	40 holes
05/08/07	4752-4765'	4 JSPF	52 holes
05/08/07	4219-4232'	4 JSPF	52 holes
05/08/07	4148-4154'	4 JSPF	24 holes

NEWFIELD

FEDERAL 14-9-9-16

718' FSL & 1976' FWL
 SE/SW Section 9-T9S-R16E
 Duchesne Co, Utah

API #43-013-33053; Lease # UTU-79831

Federal 5-9-9-16

Spud Date: 3-19-07
 Put on Production: 5-02-07
 GL: 5789' KB: 5801'

Injection Wellbore Diagram

SURFACE CASING

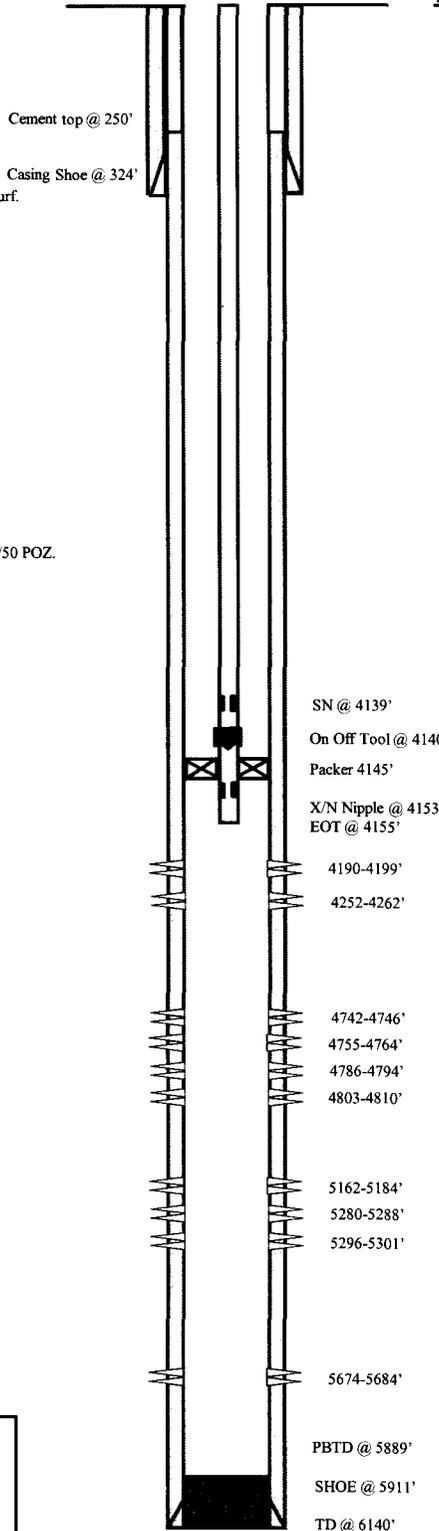
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (313.01')
 DEPTH LANDED: 323.52' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts (5912.60')
 DEPTH LANDED: 5910.85' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 250'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 TBG PUP 2-7/8 N-80 AT: 10'
 NO. OF JOINTS: 134 jts (4116.7')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4138.7' KB
 ON/OFF TOOL AT: 4139.8'
 ARROW #1 PACKER CE AT: 4144.87'
 XO 2-3/8 x 2-7/8 J-55 AT: 4148.5'
 TBG PUP 2-7/8 N-80 AT: 4149.1'
 X/N NIPPLE AT: 4153.1'
 TOTAL STRING LENGTH: EOT @ 4155'



FRAC JOB

04-30-07 5674-5684' **Frac CP1 sands as follows:**
 20595# 20/40 sand in 297 bbls Lightning 17 frac fluid. Treated @ avg press of 2284 psi w/avg rate of 25 BPM. ISIP 2085 psi. Calc flush: 5672 gal. Actual flush: 5208 gal.

04-30-07 5280-5301' **Frac A3 sands as follows:**
 65451# 20/40 sand in 520 bbls Lightning 17 frac fluid. Treated @ avg press of 2089 psi w/avg rate of 25 BPM. ISIP 2339 psi. Calc flush: 5278 gal. Actual flush: 4830 gal.

04-30-07 5162-5184' **Frac A 1 sands as follows:**
 110232# 20/40 sand in 778 bbls Lightning 17 frac fluid. Treated @ avg press of 1947 psi w/avg rate of 24.4 BPM. ISIP 2305 psi. Calc flush: 5160 gal. Actual flush: 4704 gal.

04-30-07 4742-4810' **Frac D2, D1 sands as follows:**
 139780# 20/40 sand in 952 bbls Lightning 17 frac fluid. Treated @ avg press of 1881 w/avg rate of 25 BPM. ISIP 2123 psi. Calc flush: 4740 gal. Actual flush: 4242 gal.

04-30-07 4190-4262' **Frac GB6, & GB4 sands as follows:**
 8970# 20/40 sand in 218 bbls Lightning 17 frac fluid. Treated @ avg press of 1715 w/avg rate of 25 BPM. ISIP 1647 psi. Calc flush: 4189 gal. Actual flush: 4074 gal.

7/1/08 **Pump change.** Updated rod and tubing detail.
 8/10/09 **Pump Change.** Updated rod & tubing details.
 4/1/10 **Parted rods.** Updated rod and tubing detail.
 5/27/2010 **Pump change.** Updated rod and tubing detail.
 7/21/11 **Parted rods.** Updated rod & tubing detail.
 10/29/12 **Convert to Injection Well**
 10/30/12 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

Date	Interval	Count	Holes
04-24-07	5674-5684'	4 JSPF	40 holes
04-30-07	5296-5301'	4 JSPF	20 holes
04-30-07	5280-5288'	4 JSPF	32 holes
04-30-07	5162-5184'	4 JSPF	88 holes
04-30-07	4803-4810'	4 JSPF	28 holes
04-30-07	4786-4794'	4 JSPF	32 holes
04-30-07	4755-4764'	4 JSPF	36 holes
04-30-07	4742-4746'	4 JSPF	16 holes
04-30-07	4252-4262'	4 JSPF	40 holes
04-30-07	4190-4199'	4 JSPF	36 holes

NEWFIELD

Federal 5-9-9-16
 2096' FNL & 770' FWL
 SW/NW Section 9-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-32916; Lease # UTU-79833

Spud Date: 02/19/07
 Put on Production: 03/28/07
 GL: 5782' KB: 5794'

Federal 6-9-9-16

Injection Wellbore Diagram

SURFACE CASING

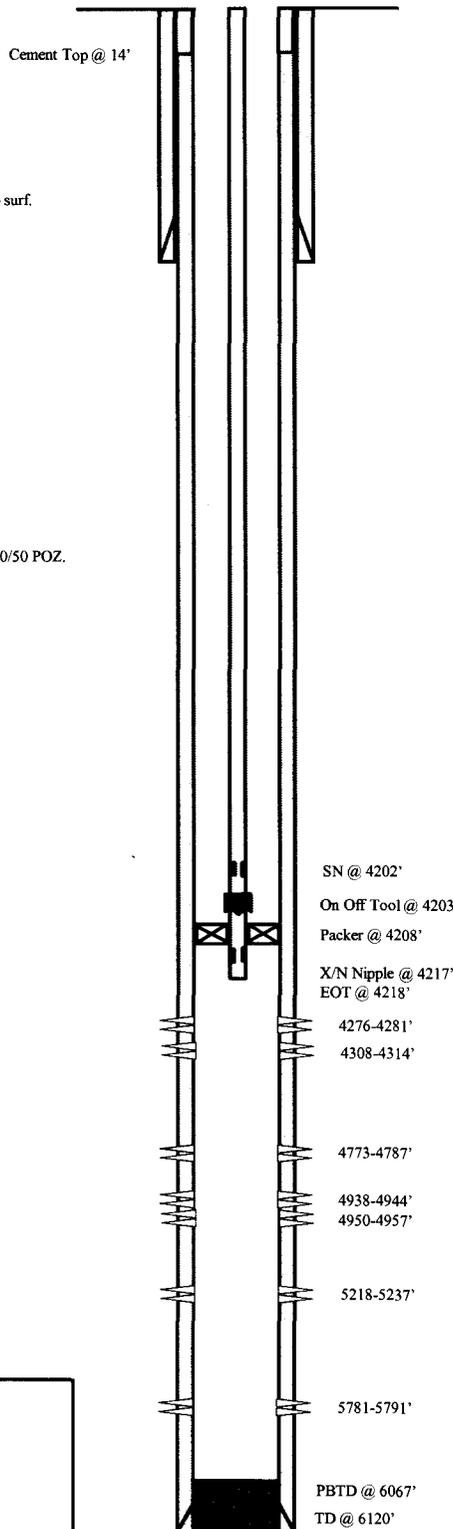
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (311.37')
 DEPTH LANDED: 323.87' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (6098.92')
 DEPTH LANDED: 6112.17' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 133 jts (4190.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4202.1' KB
 ON/OFF TOOL AT: 4203.2'
 ARROW #1 PACKER CE AT: 4208.4'
 XO 2-3/8 x 2-7/8 J-55 AT: 4212'
 TBG PUP 2-3/8 J-55 AT: 4212.5'
 X/N NIPPLE AT: 4216.6'
 TOTAL STRING LENGTH: EOT @ 4218.46'



FRAC JOB

03/21/07	6221-6229'	Frac CP3 sands as follows: 14389# 20/40 sand in 290 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 25 BPM. ISIP 1775 psi. Calc flush: 6219 gal. Actual flush: 5250 gal.
03/21/07	5218-5237'	Frac A1 sands as follows: 80163# 20/40 sand in 599 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 25 BPM. ISIP 2150 psi. Calc flush: 5216 gal. Actual flush: 4704 gal.
03/22/07	4938-4957'	Frac C sands as follows: 44913# 20/40 sand in 407 bbls Lightning 17 frac fluid. Treated @ avg press of 1737 psi w/avg rate of 25 BPM. ISIP 1940 psi. Calc flush: 4936 gal. Actual flush: 4410 gal.
03/22/07	4773-4787'	Frac D1 sands as follows: 85267# 20/40 sand in 613 bbls Lightning 17 frac fluid. Treated @ avg press of 1663 psi w/avg rate of 25.1 BPM. ISIP 2055 psi. Calc flush: 4771 gal. Actual flush: 2055 gal.
03/22/07	4314-4276'	Frac GB6 & GB4 sands as follows: 23837# 20/40 sand in 276 bbls Lightning 17 frac fluid. Treated @ avg press of 2018 psi w/avg rate of 25 BPM. ISIP 2304 psi. Calc flush: 4312 gal. Actual flush: 4200 gal.
01/03/2012		Pump Change. Updated rod & Tubing detail.
01/30/2012		Parted rods. Updated rod & tubing detail.
3/9/12		Parted rods: Updated rod & tubing detail
10/02/13		Convert to Injection Well
10/04/13		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

03/19/07	5781-5791'	4 JSPF	40 holes
03/21/07	5218-5237'	4 JSPF	76 holes
03/21/07	4950-4957'	4 JSPF	28 holes
03/21/07	4938-4944'	4 JSPF	24 holes
03/22/07	4773-4787'	4 JSPF	56 holes
03/24/07	4308-4314'	4 JSPF	24 holes
03/22/07	4276-4281'	4 JSPF	20 holes

NEWFIELD



FEDERAL 6-9-9-16
 1969' FNL & 1994' FWL
 SE/NW Section 9-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32957; Lease # UTU-79833

Sundry Number: 47729 API Well Number: 43013330500000

Federal 11A-9-9-16

Spud Date: 4-23-07
 Put on Production: 6-1-07
 GL: 5842' KB: 5854'

Injection Wellbore
 Diagram

SURFACE CASING

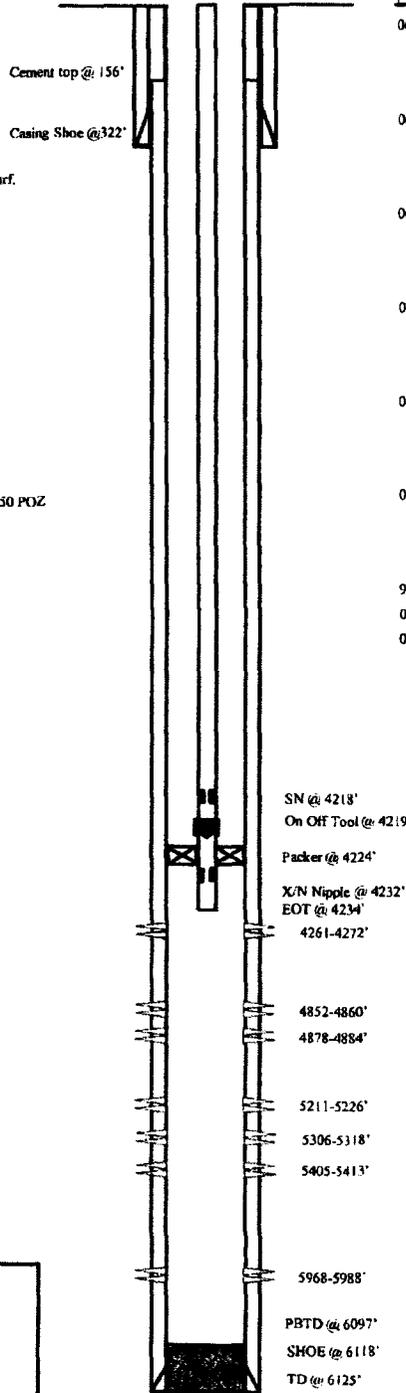
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309.65')
 DEPTH LANDED: 321.5' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts (6101.12')
 DEPTH LANDED: 6117.53' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem Lite II mixed & 450 sxs 50/30 POZ
 CEMENT TOP AT: 156'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 163 jts (4206')
 SEATING NIPPLE: 2-7/8" (1 10')
 SN LANDED AT: 4218' KB
 ON/OFF TOOL AT: 4219.1'
 ARROW #1 PACKER CE AT: 4224.1'
 XO 2-3/8 x 2-7/8 J-55 AT: 4227.8'
 TBG PUP 2-3/8 J-55 AT: 4228.3'
 X.N NIPPLE AT: 4232.4'
 TOTAL STRING LENGTH: EOT @ 4234.07'



FRAC JOB

06-01-07 5968-5988' Frac CPS sands as follows:
 86018# 20/40 sand in 657 bbls Lightning 17
 frac fluid Treated @ avg press of 1731 psi
 w/avg rate of 24.8 BPM ISIP 2226 psi Calc
 flush: 5966 gal Actual flush: 5460 gal

06-01-07 5405-5413' Frac LODC sands as follows:
 15233# 20/40 sand in 657 bbls Lightning 17
 frac fluid Treated @ avg press of 2238 psi
 w/avg rate of 24.8 BPM ISIP 2359 psi Calc
 flush: 5403 gal Actual flush: 4956 gal

06-01-07 5306-5318' Frac LODC sands as follows:
 25167# 20/40 sand in 345 bbls Lightning 17
 frac fluid Treated @ avg press of 2598 psi
 w/avg rate of 24.7 BPM ISIP 3184 psi Calc
 flush: 5304 gal Actual flush: 4830 gal

06-01-07 5211-5226' Frac A3 sands as follows:
 81060# 20/40 sand in 608 bbls Lightning 17
 frac fluid Treated @ avg press of 1601 w/
 avg rate of 24.7 BPM ISIP 1930 psi Calc
 flush: 5209 gal Actual flush: 4746 gal

06-01-07 4852-4884' Frac D3 sands as follows:
 20066# 20/40 sand in 293 bbls Lightning 17
 frac fluid Treated @ avg press of 1701 w/
 avg rate of 24.8 BPM ISIP 1800 psi Calc
 flush: 4948 gal Actual flush: 4368 gal

06-01-07 4261-4272' Frac GB4 sands as follows:
 55827# 20/40 sand in 453 bbls Lightning 17
 frac fluid Treated @ avg press of 1508 w/
 avg rate of 24.8 BPM ISIP 1752 psi Calc
 flush: 4424 gal Actual flush: 4326 gal

9-30-08 Pump Change. Updated rod & tubing details
 01/27/14 Convert to Injection Well
 01/29/14 Conversion MIT Finalized - update tbg
 detail

PERFORATION RECORD

05-21-07	5968-5988'	4 JSPF	80 holes
06-01-07	5405-5413'	4 JSPF	32 holes
06-01-07	5306-5318'	4 JSPF	48 holes
06-01-07	5211-5226'	4 JSPF	60 holes
06-01-07	4878-4884'	4 JSPF	24 holes
06-01-07	4852-4860'	4 JSPF	32 holes
06-01-07	4261-4272'	4 JSPF	44 holes

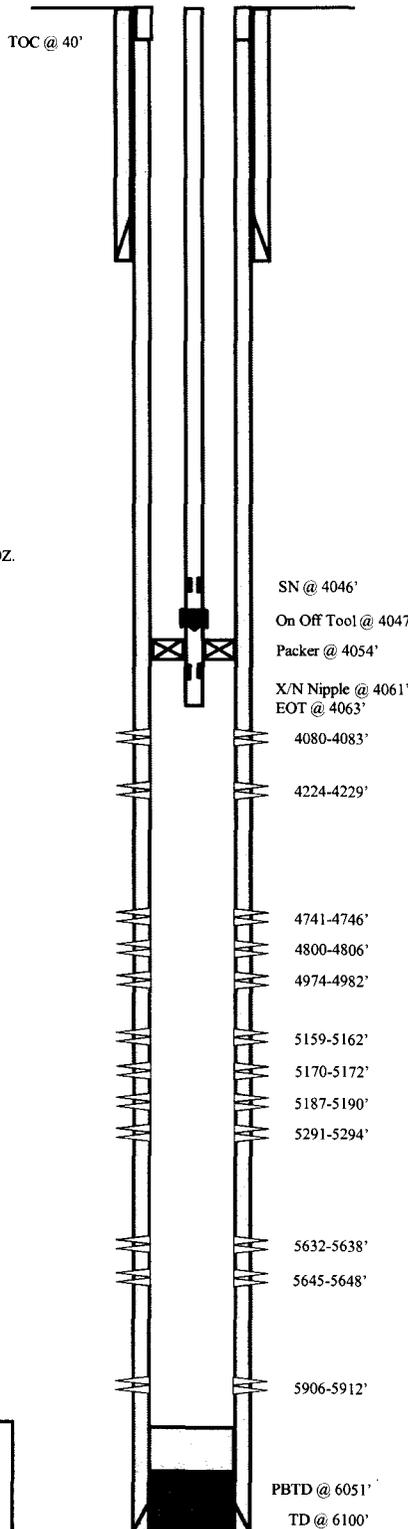
NEWFIELD

Federal 11A-9-9-16
 1984' FSL & 1980' FWL
 NE/SW Section 9-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33050; Lease # UTU-79831

Spud Date: 07/26/2009
 Put on Production: 08/28/2009
 GL: 5827' KB: 5839'

Federal 12-9-9-16

Injection Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (300')
 DEPTH LANDED: 312'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 210 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 155 jts (6039')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 6093.01'
 CEMENT DATA: 265 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 40'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 128 jts (4033.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4045.6' KB
 ON/OFF TOOL AT: 4046.7'
 ARROW #1 PACKER CE AT: 4053.6'
 XO 2-3/8 x 2-7/8 J-55 AT: 4056.6'
 TBG PUP 2-3/8 J-55 AT: 4057.1'
 X/N NIPPLE AT: 4061.2'
 TOTAL STRING LENGTH: EOT @ 4062.8'

FRAC JOB

08-31-09	5906 - 5912'	Frac CP4 sands as follows: Frac with 15001# 20/40 sand in 125 bbls Lightning 17 fluid.
08-31-09	5632 - 5648'	Frac CP1 sands as follows: Frac with 71037# 20/40 sand in 426 bbls Lightning 17 fluid.
08-31-09	5159 - 5294'	Frac A3 & LODC sands as follows: Frac with 116748# 20/40 sand in 700 bbls Lightning 17 fluid.
08-31-09	4974 - 4982'	Frac B1 sands as follows: Frac with 50899# 20/40 sand in 307 bbls Lightning 17 fluid.
08-31-09	4741 - 4806'	Frac D1 & D2 sands as follows: Frac with 136468# 20/40 sand in 834 bbls Lightning 17 fluid.
08-31-09	4080 - 4229'	Frac GB4 & GB2 sands as follows: Frac with 43808# 20/40 sand in 291 bbls Lightning 17 fluid.
10-28-09		Tubing Leak. Updated rod & tubing details.
10-09-10		Pump Change. Rod & tubing updated.
5/26/11		Tubing Leak. Updated rod and tubing detail.
07/16/13		Convert to Injection Well
07/17/13		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

Interval	JSPF	Holes
5906 - 5912'	3 JSPF	18 holes
5645 - 5648'	3 JSPF	9 holes
5632 - 5638'	3 JSPF	18 holes
5291 - 5294'	3 JSPF	9 holes
5187 - 5190'	3 JSPF	9 holes
5170 - 5172'	3 JSPF	6 holes
5159 - 5162'	3 JSPF	9 holes
4974 - 4982'	3 JSPF	24 holes
4800 - 4806'	3 JSPF	18 holes
4741 - 4746'	3 JSPF	15 holes
4224 - 4229'	3 JSPF	15 holes
4080 - 4083'	3 JSPF	9 holes

NEWFIELD

Federal 12-9-9-16
 1710' FSL & 443' FWL NW/SW
 Section 9-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33969; Lease #UTU-85210

Sundry Number: 47737 API Well Number: 43013330520000

FEDERAL 13-9-9-16

Spud Date: 04/21/07
 Put on Production: 5/31/07
 GL: 5878' KB: 5890'

Initial Production: 63 BOPD,
 11 MCFD, 56 BWPD

Injection Wellbore
 Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (313.03')
 DEPTH LANDED: 323 03' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cm, est 5 bbls cmt to surf.

PRODUCTION CASING

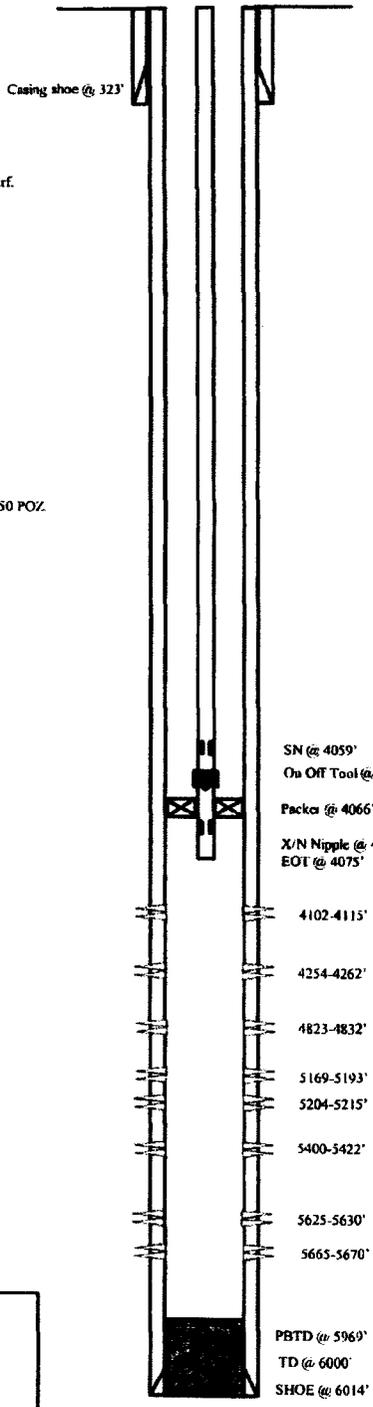
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (6018.39')
 DEPTH LANDED: 6014.39' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem Lite II mixed & 450 sxs 50/50 POZ.
 TOP OF CEMENT: Surface

TUBING

SIZE/GRADE/WT: 2-7/8" J-55 / 6.5#
 NO OF JOINTS: 128 jts (4046.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4058.6' KB
 ON/OFF TOOL AT: 4059.7'
 ARROW #1 PACKER CE AT: 4066'
 XO 2-3/8 x 2-7/8 J-55 AT: 4069.1'
 TBG P/LP 2-3/8 J-55 AT: 4069.6'
 X/N NIPPLE AT: 4073.8'
 TOTAL STRING LENGTH: EOT @ 4075.31'

FRAC JOB

05/25/07	5625-5670'	Frac CP5 & CP2 sands as follows: 14942# 20/40 sand in 271 bbls Lightning 17 frac fluid. Treated @ avg press of 2293 psi w/avg rate of 24.6 BPM. ISIP 2063 psi. Calc flush: 5623 gal. Actual flush: 5120 gal.
05/25/07	5400-5422'	Frac LODC sands as follows: 13871# 20/40 sand in 970 bbls Lightning 17 frac fluid. Treated @ avg press of 2903 psi w/avg rate of 24.6 BPM. ISIP 3560 psi. Calc flush: 5398 gal. Actual flush: 4893 gal.
05/25/07	5204-5215'	Frac A3 sands as follows: 55148# 20/40 sand in 467 bbls Lightning 17 frac fluid. Treated @ avg press of 2274 psi w/avg rate of 24.6 BPM. ISIP 2052 psi. Calc flush: 5202 gal. Actual flush: 4696 gal.
05/25/07	4823-4832'	Frac D2 sands as follows: 50506# 20/40 sand in 419 bbls Lightning 17 frac fluid. Treated @ avg press of 1952 psi w/avg rate of 24.7 BPM. ISIP 2034 psi. Calc flush: 4821 gal. Actual flush: 4284 gal.
05/25/07	4254-4262'	Frac CB4 sands as follows: 13089# 20/40 sand in 202 bbls Lightning 17 frac fluid. Treated @ avg press of 1894 psi w/avg rate of 24.5 BPM. ISIP 1700 psi. Calc flush: 4252 gal. Actual flush: 4200 gal.
2/24/09		Tubing Leak. Updated r & t details.
1/29/10		Tubing Leak. Updated rod and tubing detail.
8/1/2010		Parted rods. Updated rod and tubing detail.
11/24/2010		Parted rods. Updated rod and tubing detail.
5/20/11		Tubing leak. Updated rod and tubing detail.
01/28/14	5169-5193'	Frac A1 sands as follows: 40000# 20/40 sand in 338 bbls Lightning 17 frac fluid.
01/28/14	4102-4115'	Frac A1 sands as follows: 25000# 20/40 sand in 215 bbls Lightning 17 frac fluid.
01/29/14		Convert to Injection Well
01/31/14		Conversion MIT Finalized - update tbg detail



PERFORATION RECORD

Date	Interval	ISIP	Holes
05/14/07	5665-5670'	4 JSPF	20 holes
05/14/07	5625-5630'	4 JSPF	20 holes
05/25/07	5400-5422'	4 JSPF	88 holes
05/25/07	5204-5215'	4 JSPF	44 holes
05/25/07	4823-4832'	4 JSPF	36 holes
05/25/07	4254-4262'	4 JSPF	32 holes
01/24/14	5169-5193'	3 JSPF	72 holes
01/24/14	4102-4115'	3 JSPF	39 holes

NEWFIELD

FEDERAL 13-9-9-16
 734' FSL & 625' FWL
 SW/SW Section 9-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33052; Lease # UTU-64379

Spud Date: 03/27/07
 Put on Production: 05/18/07
 GL:5788' KB:5800'

FEDERAL 15-9-9-16

Injection Wellbore Diagram

SURFACE CASING

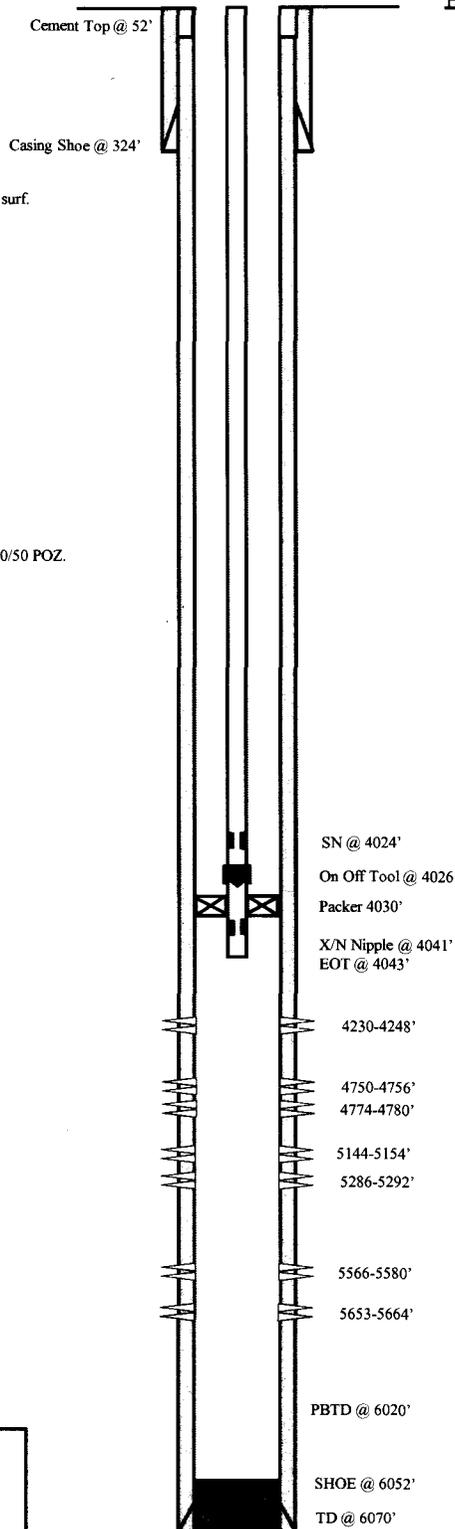
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.28')
 DEPTH LANDED: 324.13' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (6038.30')
 DEPTH LANDED: 6051.55' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 52'

TUBING

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
 NO. OF JOINTS: 128 jts (4012.5')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4024.5'
 ON/OFF TOOL AT: 4025.6'
 ARROW #1 PACKER CE AT: 4030'
 XO 2-3/8 x 2-7/8 J-55 AT: 4034.4'
 TBG PUP 2-3/8 J-55 AT: 4034.9'
 X/N NIPPLE AT: 4041.2'
 TOTAL STRING LENGTH: EOT @ 4043'



FRAC JOB

05/09/07	5653-5664'	Frac CP2 sands as follows: 19973# 20/40 sand in 326 bbls Lightning 17 frac fluid. Treated @ avg press of 1977 psi w/avg rate of 24.7 BPM. ISIP 1722 psi. Calc flush: 5651 gal. Actual flush: 5166 gal.
05/14/07	5566-5580'	Frac CP.5 sands as follows: 45412# 20/40 sand in 433 bbls Lightning 17 frac fluid. Treated @ avg press of 1956 psi w/avg rate of 24.7 BPM. ISIP 1956 psi. Calc flush: 5564 gal. Actual flush: 5122 gal.
05/14/07	5286-5292'	Frac LODC sands as follows: 19538# 20/40 sand in 300 bbls Lightning 17 frac fluid. Treated @ avg press of 2539 psi w/avg rate of 24.8 BPM. ISIP 2675 psi. Calc flush: 5284 gal. Actual flush: 4830 gal.
05/14/07	5144-5154'	Frac A3 sands as follows: 45178# 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ avg press of 1893 psi w/avg rate of 24.8 BPM. ISIP 2111 psi. Calc flush: 5142 gal. Actual flush: 4662 gal
05/14/07	4750-4780'	Frac D2 sands as follows: 60592# 20/40 sand in 489 bbls Lightning 17 frac fluid. Treated @ avg press of 1606 psi w/avg rate of 24.8 BPM. ISIP 1847 psi. Calc flush: 4748 gal. Actual flush: 4284 gal
05/14/07	4230-4248'	Frac GB6 sands as follows: 92270# 20/40 sand in 664 bbls Lightning 17 frac fluid. Treated @ avg press of 1955 psi w/avg rate of 24.8 BPM. ISIP 2175 psi. Calc flush: 4228 gal. Actual flush: 4116 gal
9-5-07		Pump Change. Updated rod & tubing details.
12-13-07		Pump Change. Updated rod & tubing details.
6/27/2011		Pump Change. Updated rod & tubing details
10/22/12	4058-4064'	Frac GB2 sands as follows: 24437# 20/40 sand in 272 bbls Lightning 17 frac fluid.
10/24/12		Convert to Injection Well
10/25/12		Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

05/09/07	5653-5664'	4 JSPF	44 holes
05/14/07	5566-5580'	4 JSPF	56 holes
05/14/07	5286-5292'	4 JSPF	24 holes
05/14/07	5144-5154'	4 JSPF	40 holes
05/14/07	4774-4780'	4 JSPF	24 holes
05/14/07	4750-4756'	4 JSPF	24 holes
05/14/07	4230-4248'	4 JSPF	72 holes
10/20/12	4058-4064'	3 JSPF	18 holes

NEWFIELD

FEDERAL 15-9-9-16

731' FSL & 1804' FEL
 SW/SE Section 9-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33054; Lease # UTU-79831

Federal 16-8-9-16

Spud Date: 02/06/07
 Put on Production: 03/21/07
 K.B.: 5876, G.L.: 5864

Injection Wellbore Diagram

SURFACE CASING

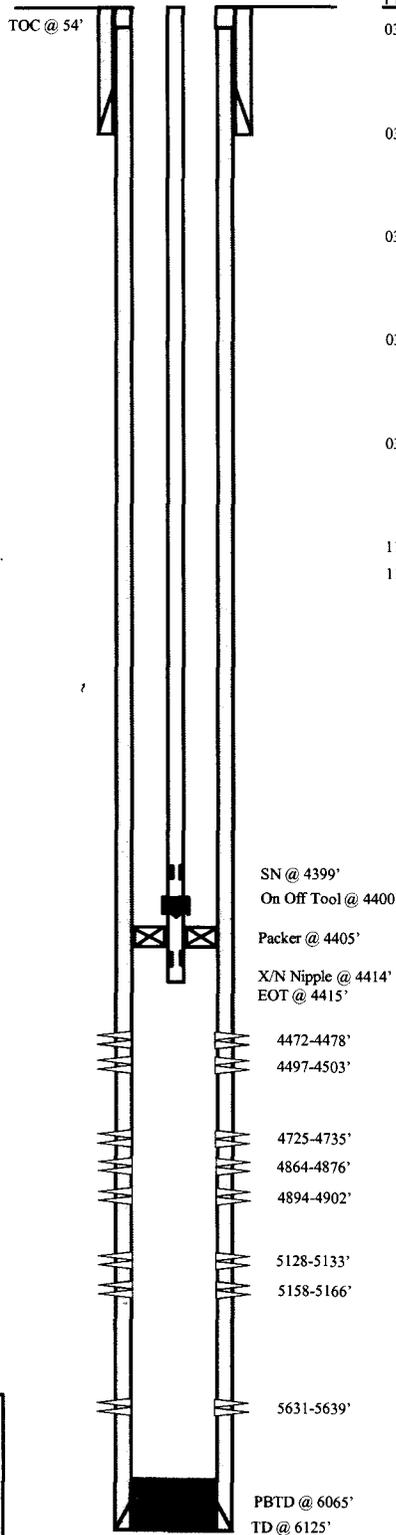
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (308.18')
 DEPTH LANDED: 320.03' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (6054.21')
 DEPTH LANDED: 6104.47' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 301 sxs Prem. Lite II mixed & 449 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 139 jts (4386.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4398.6' KB
 ON/OFF TOOL AT: 4399.7'
 ARROW #1 PACKER CE AT: 4405.1'
 XO 2-3/8 x 2-7/8 J-55 AT: 4409'
 TBG PUP 2-3/8 J-55 AT: 4409.5'
 X/N NIPPLE AT: 4413.7'
 TOTAL STRING LENGTH: EOT @ 4415.24'



FRAC JOB

03/13/07 5627-5732' **Frac CP2, sands as follows:**
 26883# 20/40 sand in 357 bbls Lightning 17 frac fluid. Treated @ avg press of 2479 psi w/avg rate of 25.2 BPM. ISIP 2080 psi. Calc flush: 5730 gal. Actual flush: 5124 gal.

03/13/07 5128-5166' **Frac A3 sands as follows:**
 24821# 20/40 sand in 347 bbls Lightning 17 frac fluid. Treated @ avg press of 2094 psi w/avg rate of 25.2 BPM. ISIP 2080 psi. Calc flush: 5164 gal. Actual flush: 4624 gal.

03/13/07 4864-4902' **Frac C sands as follows:**
 95479# 20/40 sand in 684 bbls Lightning 17 frac fluid. Treated @ avg press of 1795 psi w/avg rate of 25.2 BPM. ISIP 2133 psi. Calc flush: 4900 gal. Actual flush: 4364 gal.

03/13/07 4725-4735' **Frac D1 sands as follows:**
 45323# 20/40 sand in 377 bbls Lightning 17 frac fluid. Treated @ avg press of 1834 psi w/avg rate of 25.2 BPM. ISIP 2100 psi. Calc flush: 4733 gal. Actual flush: 4204 gal.

03/13/07 4472-4503' **Frac PB10, PB11 sands as follows:**
 22086# 20/40 sand in 270 bbls Lightning 17 frac fluid. Treated @ avg press of 2550 psi w/avg rate of 25.3 BPM. ISIP 2425 psi. Calc flush: 4501 gal. Actual flush: 4368 gal.

11/12/13 **Convert to Injection Well**
 11/13/13 **Conversion MIT Finalized - update tbg detail**

PERFORATION RECORD

Date	Interval	Tool	Holes
03/01/07	5631-5639'	4 JSPF	32 holes
03/13/07	5158-5166'	4 JSPF	32 holes
03/13/07	5128-5133'	4 JSPF	20 holes
03/13/07	4894-4902'	4 JSPF	32 holes
03/13/07	4864-4876'	4 JSPF	48 holes
03/13/07	4725-4735'	4 JSPF	40 holes
03/13/07	4497-4503'	4 JSPF	24 holes
03/13/07	4472-4478'	4 JSPF	24 holes

NEWFIELD

Federal 16-8-9-16
 418' FSL & 629' FEL
 SE/SE Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33061; Lease #UTU-64379

Sundry Number: 49347 API Well Number: 43013338460000

NEWFIELD



Schematic

43-013-33846

Well Name: State 2-16-9-16

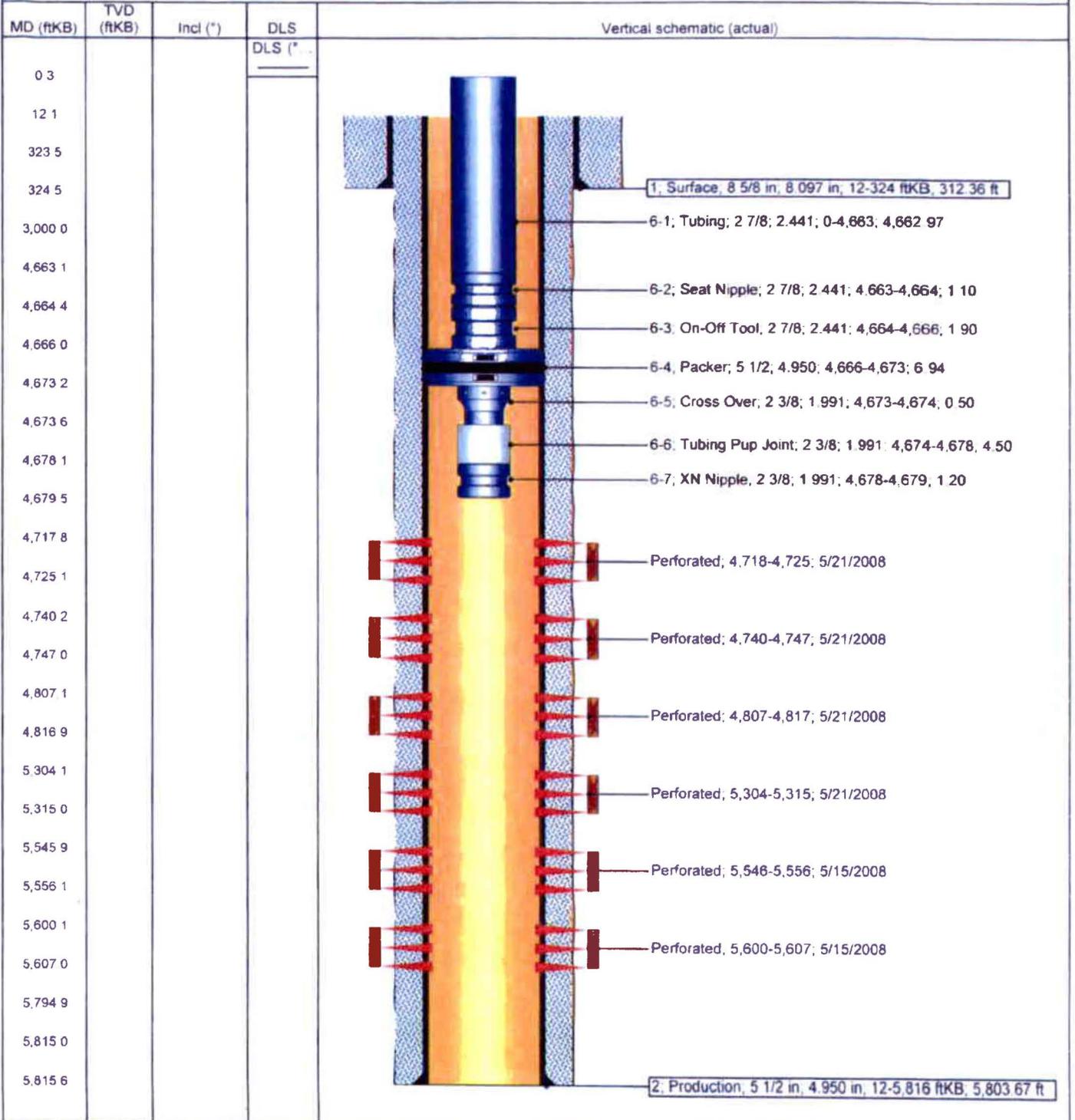
Surface Legal Location 16-9S-16E		API/UWI 43013338460000	Well RC 500218527	Lease	State/Province Utah	Field Name GMBU CTB5	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 5/28/2008	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 3/11/2014	Job End Date
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TD: 5,815.7

Vertical - Original Hole, 3/26/2014 10:00:37 AM



Spud Date: 02-28-08
 Put on Production: 05-13-08
 GL: 5841' KB: 5853'

State 3-16-9-16

Injection Wellbore Diagram

SURFACE CASING

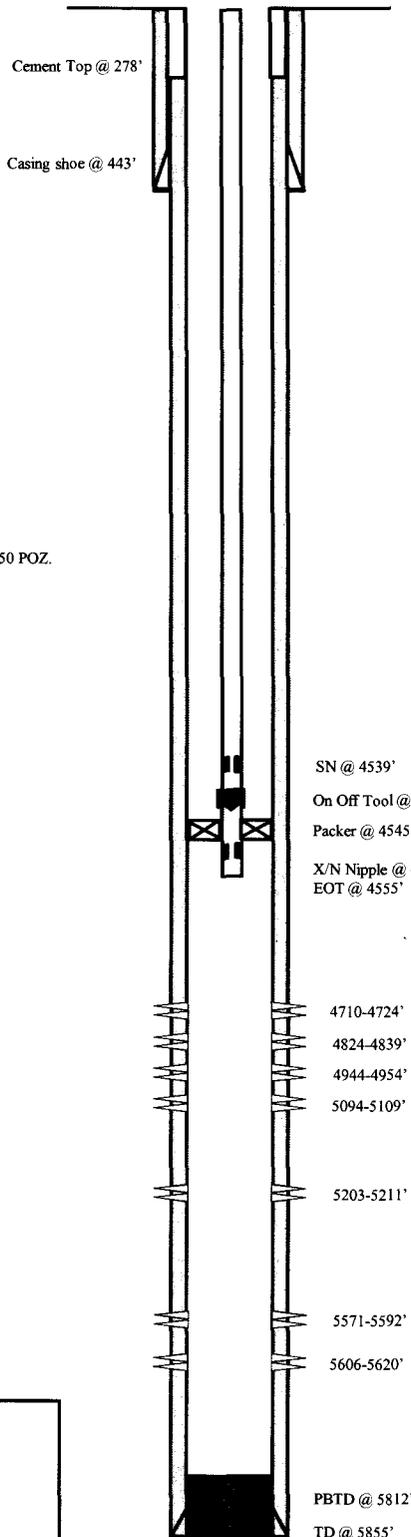
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 10 jts
 DEPTH LANDED: 443'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: To surface with 209 sx Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 147 jts
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5855.97'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 278'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 148 jts (4526.9')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4538.9' KB
 ON/OFF TOOL AT: 4540.0'
 ARROW #1 PACKER CE AT: 4545'
 XO 2-3/8 x 2-7/8 J-55 AT: 4548.8'
 TBG PUP 2-3/8 J-55 AT: 4549.3'
 X/N NIPPLE AT: 4553.4'
 TOTAL STRING LENGTH: EOT @ 4555'



FRAC JOB

04-22-08 5571-5592' **Frac CP1 sds as follows:**
 Frac w/144,428# 20/40 sand in 1022 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1764 psi w/ ave rate of 25.2 BPM. ISIP 2006 psi. Actual Flush: 5065 gals.

04-22-08 5203-5211' **Frac LODC sds as follows:**
 Frac w/24,817# 20/40 sand in 356 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2477 psi w/ ave rate of 23.3 BPM. ISIP 2543. Actual Flush: 4696 gals.

04-22-08 5094-5109' **Frac A1 sds as follows:**
 Frac w/38,375# 20/40 sand in 420 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2034 psi w/ ave rate of 23.3 BPM. ISIP 2543 psi. Actual Flush: 4586 gals.

04-22-08 4944-4954' **Frac B2 sds as follows:**
 Frac w/30,349# 20/40 sand in 383 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1804 psi w/ ave rate of 23.3 BPM. ISIP 1842 psi. Actual Flush: 4439 gals.

04-22-08 4824-4839' **Frac C sds as follows:**
 Frac w/48,027# 20/40 sand in 446 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2057 psi w/ ave rate of 23.3 BPM. ISIP 2063 psi. Actual Flush: 4318 gals.

04-22-08 4710-4724' **Frac D2 sds as follows:**
 Frac w/37,944# 20/40 sand in 423 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2539 psi w/ ave rate of 23.4 BPM. ISIP 2646 psi. Actual Flush: 4624 gals.

SN @ 4539' 05/11/2012
 On Off Tool @ 4540' 11/19/12
 Packer @ 4545' 11/20/12
 X/N Nipple @ 4553'
 EOT @ 4555'

Updated Rod & Tubing detail.
Convert to Injection Well
Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

Depth Range	JSPF	Holes
4710-4724'	4 JSPF	56 holes
4824-4839'	4 JSPF	60 holes
4944-4954'	4 JSPF	40 holes
5094-5109'	4 JSPF	60 holes
5203-5211'	4 JSPF	32 holes
5571-5592'	4 JSPF	84 holes
5606-5620'	4 JSPF	56 holes



State 3-16-9-16
 660' FNL & 1990' FWL
 NE/NW Section 16-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33847; Lease #Utah State ML-16532

Spud Date: 4/1/08
 Put on Production: 6/3/08
 GL: 5881' KB: 5893'

State 4-16-9-16

Injection Wellbore Diagram

SURFACE CASING

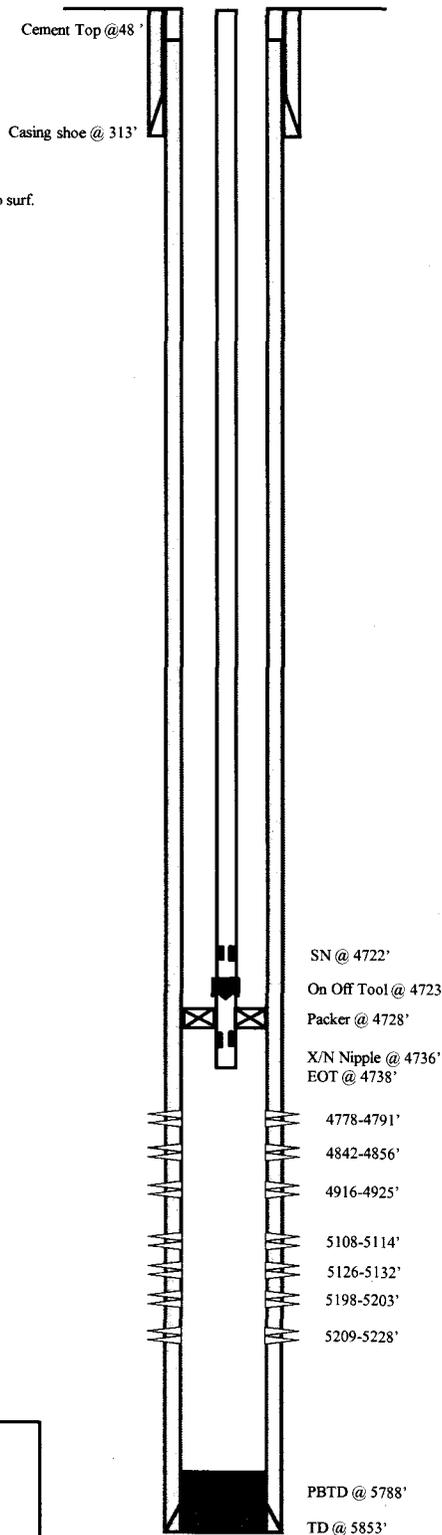
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7jts (300.96')
 DEPTH LANDED: 312.81' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 158jts 5819.28
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5832.53'
 CEMENT DATA: 300 sx Premlite II and 400 sx 50/50 Poz
 CEMENT TOP AT: 48'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 150 jts (4709.9')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4721.9' KB
 ON/OFF TOOL AT: 4723'
 ARROW #1 PACKER CE AT: 4737.62'
 XO 2-3/8 x 2-7/8 J-55 AT: 4731.7'
 TBG PUP 2-3/8 J-55 AT: 4732.2'
 X/N NIPPLE AT: 4736.3'
 TOTAL STRING LENGTH: EOT @ 4737.94'



FRAC JOB

05-28-08 5209-5228' **Frac LODC sds as follows:** 200,061# 20/40 sand in 1373 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1997 psi w/ ave rate of 27.3 BPM. ISIP 2322 psi. Actual Flush: 4683 gals.

05-28-08 5108-5114' **Frac A1 & A3 sds as follows:** 120,424# 20/40 sand in 868 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1922 psi w/ ave rate of 27.0 BPM. ISIP 2220 psi. Actual Flush: 4616 gals.

05-28-08 4916-4925' **Frac B1 sds as follows:** 54,952# 20/40 sand in 495 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1767 psi w/ ave rate of 23.4 BPM. ISIP 1705 psi. Actual Flush: 4406 gals.

05-28-08 4842-4856' **Frac C sds as follows:** 115,003# 20/40 sand in 846 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1920 psi w/ ave rate of 23.5 BPM. ISIP 1926 psi. Actual Flush: 4330 gals.

05-28-08 4778-4791' **Frac D3 sds as follows:** 115,003# 20/40 sand in 846 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1920 psi w/ ave rate of 23.5 BPM. ISIP 1926 psi. Actual Flush: 4679 gals.

3/28/09 **Pump Change.** Updated r & t details.

6/5/09 **Pump Change.** Updated rod & tubing details.

07/02/13 **Convert to Injection Well**

07/03/13 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

4778-4791'	4 JSPF	52 holes
4842-4856'	4 JSPF	56 holes
4916-4925'	4 JSPF	36 holes
5108-5114'	4 JSPF	24 holes
5126-5132'	4 JSPF	24 holes
5198-5203'	4 JSPF	20 holes
5209-5228'	4 JSPF	76 holes

NEWFIELD

State 4-16-9-16
 660' FNL & 815' FWL
 NW/NW Section 16-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33848; Lease #Utah State ML-16532

GMBU L-9-9-16

Spud Date: 9/28/12
 Put on Production: 11/6/12
 GL: 5722' KB: 5732'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6jts (263.15')
 DEPTH LANDED: 319.62'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160sxs Class "G" cmt, circ 5 bbls to surf.

PRODUCTION CASING

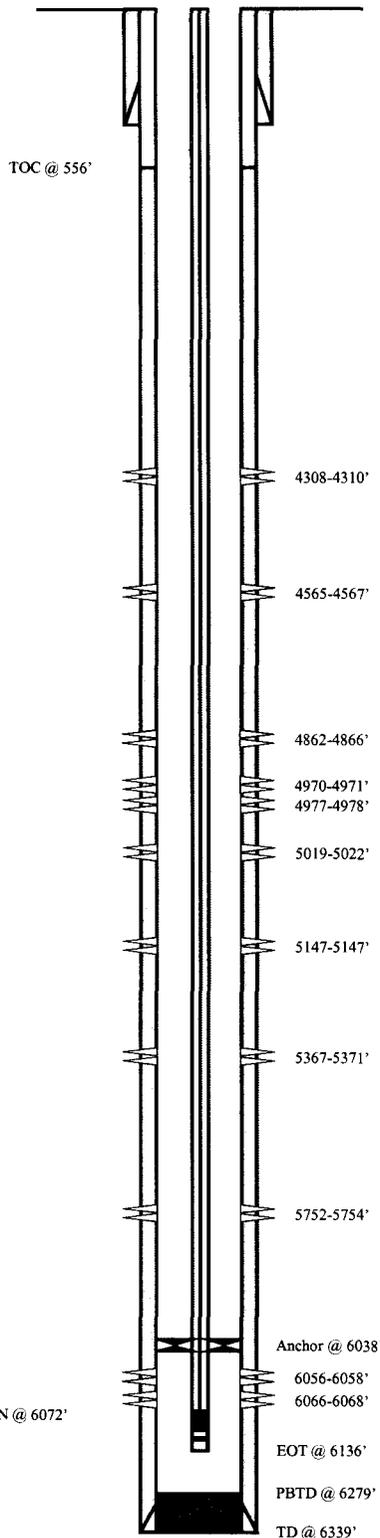
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 154jts. (6306.08')
 DEPTH LANDED: 6322.69'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 240sxs Premlite II & 470sxs 50:50 POZ.
 CEMENT TOP: 556' per CBL 10/22/12

TUBING (KS 11/6/12)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 192jts (6026.7')
 TUBING ANCHOR: 6037.5'
 NO. OF JOINTS: 1jt (31.4')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 6071.8'
 NO. OF JOINTS: 2jts (63')
 NOTCHED COLLAR: 2-7/8" (0.5')
 TOTAL STRING LENGTH: EOT @ 6136'

SUCKER RODS (KS 11/6/12)

POLISHED ROD: 30' x 1-1/2" Polished Rods
 SUCKER RODS: 2', 6', 8' x 7/8" Pony Rods, 71 x 7/8"
 4per Guided Rods, 140 x 3/4" 4per Guided Rods, 30 x 7/8"
 8per Guided Rods
 PUMP SIZE: 2-1/2" x 1-3/4" x 21' x 24' RHAC
 STROKE LENGTH: 146"
 PUMP SPEED, SPM: 4.5
 PUMPING UNIT: DARCO C-640-365-168



FRAC JOB

5752-6068'	Frac zone as follows: 50,838# 20/40 sand in 302 bbls 17# Borate Treated @ 3324 avg PSI w/avg rate of 38 BPM. ISIP 1515 psi.
5147-5371'	Frac zone as follows: 35,419# 20/40 sand in 228 bbls 17# Borate Treated @ 3162 avg PSI w/avg rate of 32 BPM. ISIP 1725 psi.
4970-5022'	Frac zone as follows: 50,077# 20/40 sand in 301 bbls 17# Borate Treated @ 3632 avg PSI w/avg rate of 28 BPM. ISIP 1850 psi.
4862-4866'	Frac zone as follows: 59,471# 20/40 sand in 349 bbls 17# Borate Treated @ 3403 avg PSI w/avg rate of 29 BPM. ISIP 1975 psi.
4308-4567'	Frac zone as follows: 30,160# 20/40 sand in 196 bbls 17# Borate Treated @ 3263 avg PSI w/avg rate of 32 BPM. ISIP 1585 psi.

PERFORATION RECORD

4308-4310'	3 JSPF	10/24/12
4565-4567'	3 JSPF	10/24/12
4862-4866'	3 JSPF	10/24/12
4970-4971'	3 JSPF	10/24/12
4977-4978'	3 JSPF	10/24/12
5019-5022'	3 JSPF	10/24/12
5147-5148'	3 JSPF	10/24/12
5367-5371'	3 JSPF	10/24/12
5752-5754'	3 JSPF	10/22/12
6056-6058'	3 JSPF	10/22/12
6066-6068'	3 JSPF	10/22/12

NEWFIELD

GMBU L-9-9-16
 1817' FNL & 669' FEL
 SE/NE Section 9, T9S-R16E
 Duchesne Co, Utah
 API #43-013-51173; Lease #UTU-65207

NEWFIELD



GMBU M-9-9-16

Monument Butte - Duchesne County, Utah, USA

Surface Legal Location: SE/NW Section 9, T9S, R16E; 1977 FNL & 1995 FWL

Elevation: 5787' GL + 10' KB

API Number: 43-013-51690; Lease Number: UTU-79833

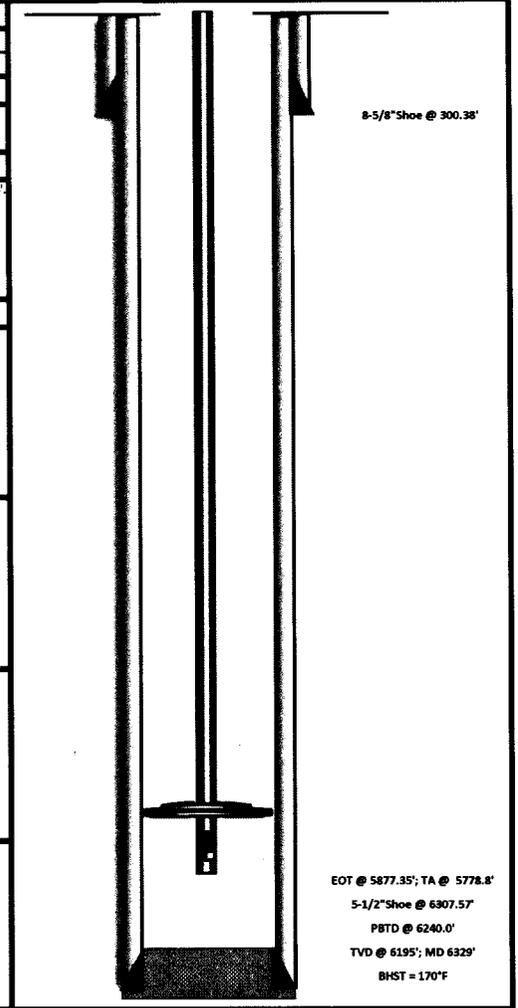
Paul Lambcke

PFM 6/13/2013

Spud Date: 5/27/2013

PoP Date: 7/3/2013

CASING DETAIL	Casing	Top	Bottom	Size	Wt.	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	300'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
Prod	10'	6,308'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875	
TUB DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Pecker/Hanger		
	10'	5,877'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2,441"	Tubing Anchor Set @	5,779'	
ROD DETAIL	Component		Top	Bottom	Size	Grade	Length	Count	Pump				
	Polish Rod		0'	30'	1 1/2"	Spray Metal	30	1	Insert Pump: 2.5" Max ID x 1.75" Plunger RHAC @ 5796'				
	Pony Rod		30'	46'	7/8"	Tenaris D78	16	1					
	4per Guided Rod		46'	1,896'	7/8"	Tenaris D78	1850	74					
	4per Guided Rod		1,896'	5,046'	3/4"	Tenaris D78	3150	126					
8per Guided Rod		5,046'	5,796'	7/8"	Tenaris D78	750	30						
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							
4	0'	0'	2	-	-	Formation:	GB4						
	0'	0'	2	-	-	20/40 White:	24,648 lbs	15% HCl:	0 gals				
	0'	0'	2	-	-	Pad:	2,880 gals	Treating Fluid:	3,600 gals				
	0'	0'	2	-	-	Flush:	4,276 gals	Load to Recover:	10,756 gals				
	0'	0'	2	-	-	ISIP=	0.852 psi/ft	Max STP:	2,602 psi				
	4,276'	4,282'	2	0.34	6/25/2013								
3	0'	0'	2	-	-	Formation:	C-Sand D1						
	0'	0'	2	-	-	20/40 White:	22,811 lbs	15% HCl:	504 gals				
	0'	0'	2	-	-	Pad:	2,953 gals	Treating Fluid:	5,350 gals				
	0'	0'	2	-	-	Flush:	4,893 gals	Load to Recover:	13,700 gals				
	0'	0'	2	-	-	ISIP=	0.808 psi/ft	Max STP:	2,549 psi				
	4,860'	4,862'	2	0.34	6/25/2013								
2	0'	0'	2	-	-	Formation:	A3 B2						
	0'	0'	2	-	-	20/40 White:	79,948 lbs	15% HCl:	504 gals				
	0'	0'	2	-	-	Pad:	3,738 gals	Treating Fluid:	18,670 gals				
	5,172'	5,174'	2	0.34	6/25/2013	Flush:	5,116 gals	Load to Recover:	28,028 gals				
	5,328'	5,329'	2	0.34	6/25/2013	ISIP=	1.208 psi/ft	Max STP:	4,265 psi				
	5,336'	5,337'	2	0.34	6/25/2013								
1	0'	0'	2	-	-	Formation:	CP1						
	0'	0'	2	-	-	20/40 White:	14,738 lbs	15% HCl:	756 gals				
	0'	0'	2	-	-	Pad:	3,797 gals	Treating Fluid:	3,560 gals				
	0'	0'	2	-	-	Flush:	5,830 gals	Load to Recover:	13,943 gals				
	0'	0'	2	-	-	ISIP=	0.821 psi/ft	Max STP:	3,521 psi				
	5,788'	5,794'	2	0.34	6/20/2013								
CEMENT	Surf	On 5/28/13 Baker Hughes cemented 8 5/8" casing w/ 175 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 10 bbis to the pit.											
	Prod	On 6/7/13 Baker pumped 220sks lead @ 11 ppg w/ 3.53 yield plus 455 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 1 bbis to the pit. TOC @ 210'.											



EOT @ 5877.35'; TA @ 5778.8'
 5-1/2" Shoe @ 6307.57'
 PBTD @ 6240.0'
 TVD @ 6195'; MD 6329'
 BHST = 170°F

43-013-51148

Well Name: GMBU G-16-9-16

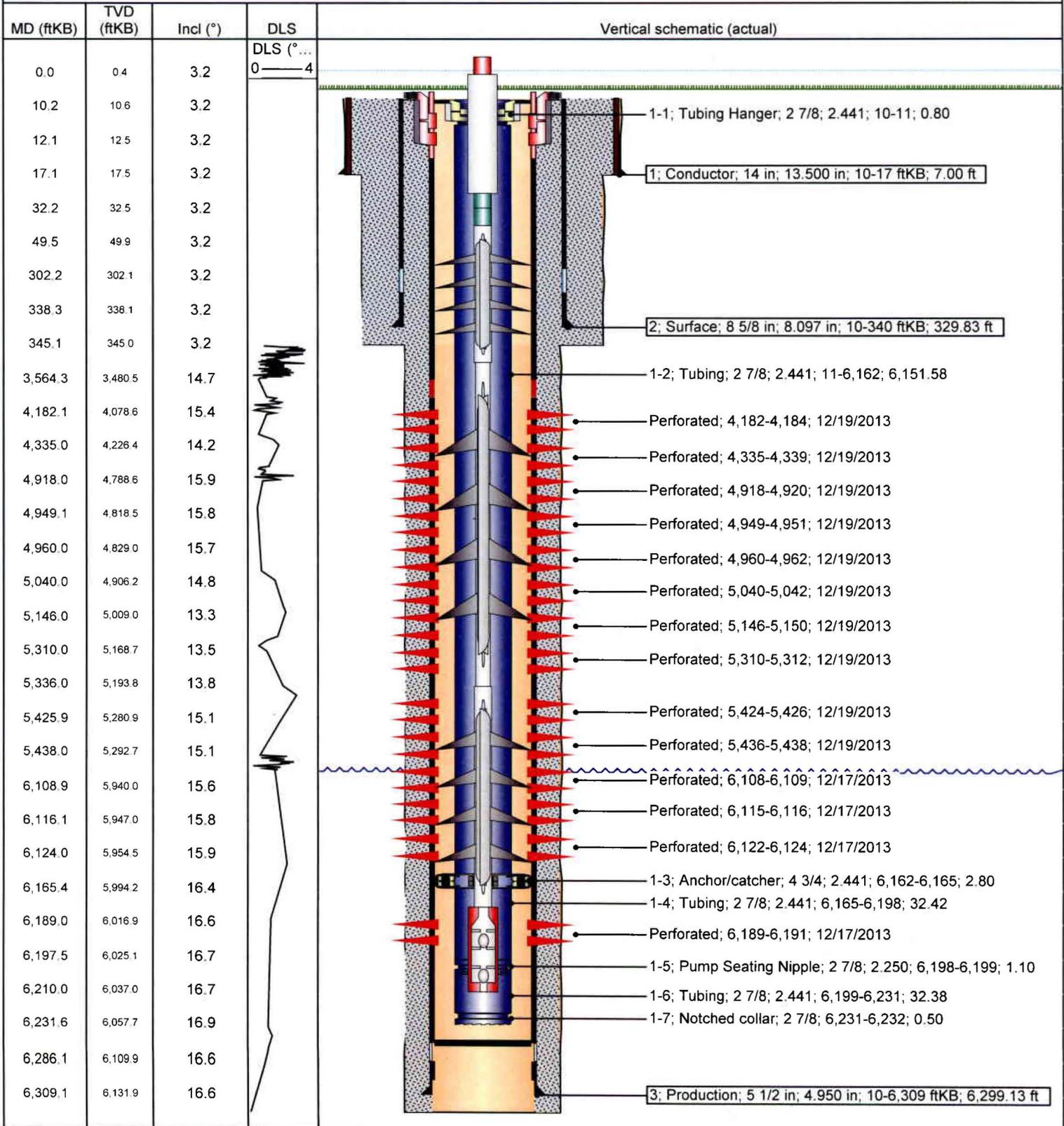
Surface Legal Location SWNW 2081 FNL 759 FWL Sec 16 T9S R16E			API/UWI 43013514480000	Well RC 500343049	Lease ML-16532	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 11/5/2013	Rig Release Date 11/23/2013	On Production Date	Original KB Elevation (ft) 5,931	Ground Elevation (ft) 5,921	Total Depth All (TVD) (ftKB) Original Hole - 6,140.5	PBD (All) (ftKB) Original Hole - 6,284.4		

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 12/17/2013	Job End Date 12/27/2013
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TD: 6,318.0

Slant - Original Hole, 1/15/2014 4:22:49 PM



Attachment E-14

NEWFIELD



Schematic

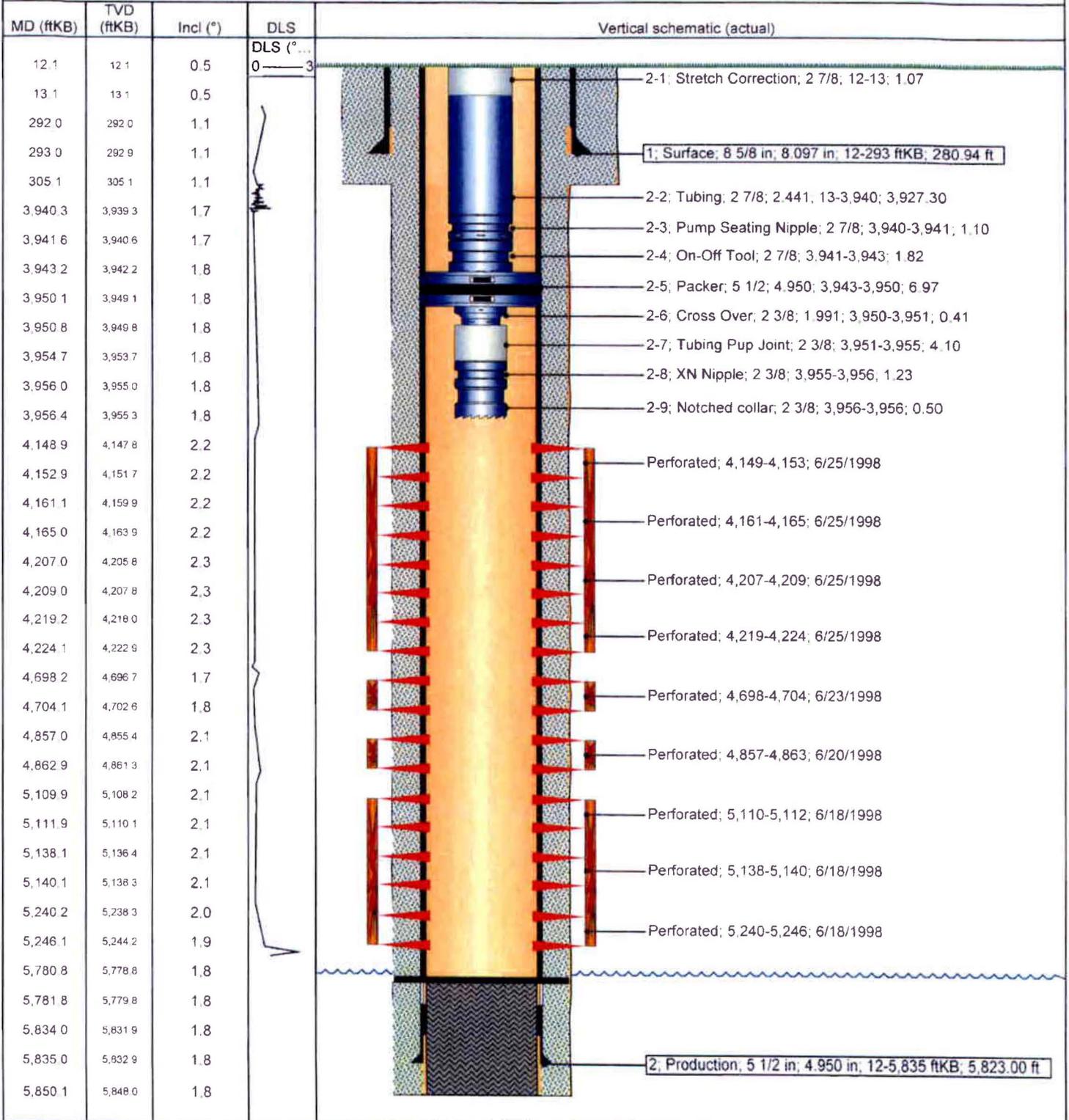
43-013-32044

Well Name: S Wells Drw 16-9-9-16

Surface Legal Location 696' FSL & 744' FEL (SESE) SECTION 9-T9S-R16E		API/UVI 43013320440000	Well RC 500151181	Lease	State/Province Utah	Field Name GMBU CTB5	County DUCHESNE
Spud Date 5/4/1998	Rig Release Date 5/15/1998	On Production Date 6/29/1998	Original KB Elevation (ft) 5,769	Ground Elevation (ft) 5,757	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,781.0	

Most Recent Job		Primary Job Type Conversion		Secondary Job Type Basic	Job Start Date 8/22/2014	Job End Date 8/26/2014
Job Category Production / Workover						

TD: 5,850.0 Vertical - Original Hole, 8/27/2014 8:52:50 AM



S Wells Draw Federal 7-9-9-16

Spud Date: 5-03-2007
 Put on Production: 6-19-2007
 GL: 5795' KB: 5807'

Initial Production: BOPD,
 MCFD, BWPD

Injection Wellbore
 Diagram

SURFACE CASING

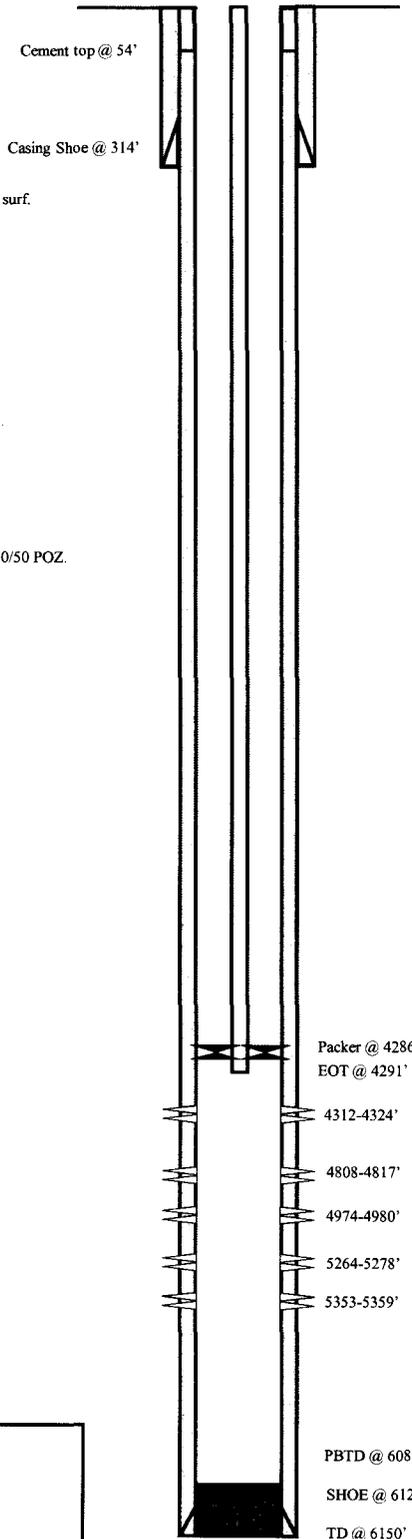
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (302.36')
 DEPTH LANDED: 314.21' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (6115.32')
 DEPTH LANDED: 6128.57' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 54'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 139 jts (4270.2')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4282.2' KB
 CE @ 4286.52'
 TOTAL STRING LENGTH: EOT @ 4291' KB



FRAC JOB

06-13-07	5353-5359'	Frac LODC sands as follows: 14566# 20/40 sand in 263 bbls Lightning 17 frac fluid. Treated @ avg press of 3118 psi w/avg rate of 24.8 BPM. ISIP 2413 psi. Calc flush: 5351 gal. Actual flush: 4889 gal.
06-13-07	5264-5278'	Frac A3 sands as follows: 84918# 20/40 sand in 633 bbls Lightning 17 frac fluid. Treated @ avg press of 1760 psi w/avg rate of 24.8 BPM. ISIP 2120 psi. Calc flush: 5262 gal. Actual flush: 4746 gal.
06-13-07	4808-4817'	Frac D1 sands as follows: 74920# 20/40 sand in 573 bbls Lightning 17 frac fluid. Treated @ avg press of 1905 psi w/avg rate of 24.8 BPM. ISIP 2140 psi. Calc flush: 4806 gal. Actual flush: 4284 gal.
06-13-07	4312-4324'	Frac GB4 sands as follows: 48210# 20/40 sand in 406 bbls Lightning 17 frac fluid. Treated @ avg press of 1692 psi w/avg rate of 24.8 BPM. ISIP 1918 psi. Calc flush: 4310 gal. Actual flush: 4246 gal.
01-18-11	4974-4980'	Frac C sands as follows: 8765# 20/40 sand in 56 bbls Lightning 17 frac fluid.
01-19-11		Convert to Injection well
01-31-11		Conversion MIT - update tbg detail

PERFORATION RECORD

06-07-07	5353-5359'	4 JSPF	24 holes
06-13-07	5264-5278'	4 JSPF	56 holes
06-13-07	4808-4817'	4 JSPF	36 holes
06-13-07	5464-5470'	4 JSPF	48 holes
01-18-11	4974-4980'	3 JSPF	18 holes



S Wells Draw Federal 7-9-9-16
 1919' FNL & 2177' FEL
 SW/NE Section 9-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-32917; Lease # UTU-65207

Spud Date: 03-03-08
 Put on Production: 05-12-08
 GL: 5876' KB: 5888'

State 6-16-9-16

Injection Wellbore Diagram

SURFACE CASING

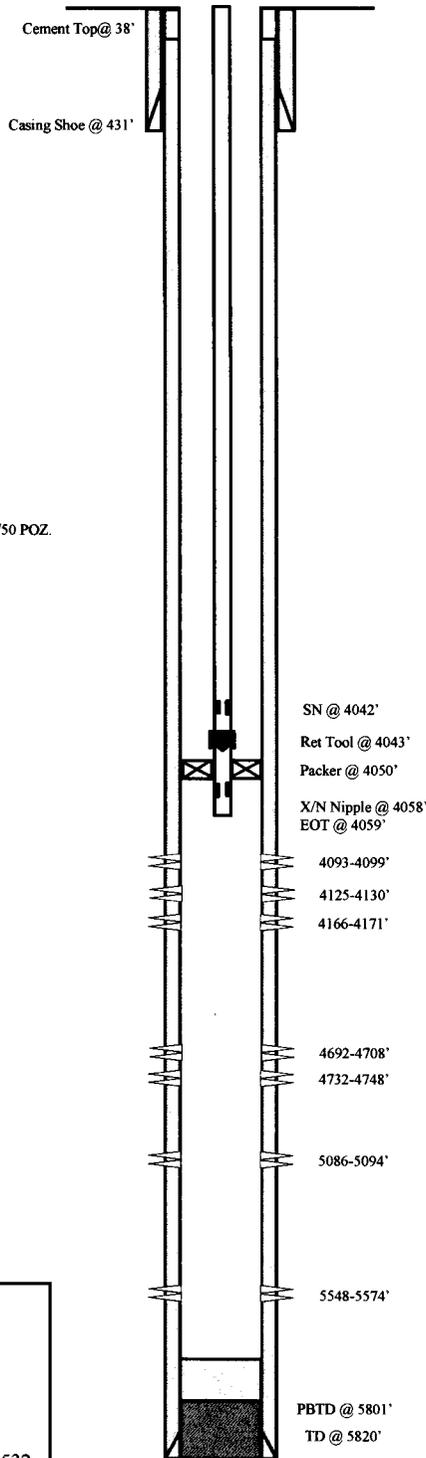
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 10 jts. (321.48')
 DEPTH LANDED: 431'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 205 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (5809.35')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5822.6'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 38'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 133 jts (4030')
 SEATING NIPPLE: 2-7/8" N-80 (1.10')
 SN LANDED AT: 4042' KB
 RET TOOL N-80 AT: 4043.1'
 ARROW #1 PACKER CE AT: 4050.1'
 XO 2-3/8 x 2-7/8 J-55 AT: 4053.1'
 TBG PUP 2-3/8 J-55 AT: 4053.6'
 X/N NIPPLE AT: 4057.7'
 TOTAL STRING LENGTH: EOT @ 4059.27'



FRAC JOB

4-29-08 5548-5574' **Frac CP1 sands as follows:**
 Frac with 125681 #'s of 20/40 sand in 903 bbls of Lightning 17 fluid. Treat at an ave pressure of 1713 psi @ 23.9 BPM. ISIP 2198 psi.

4-29-08 5086-5094' **Frac A1 sands as follows:**
 Frac with 60763 #'s of 20/40 sand in 507 bbls of Lightning 17 fluid. Treat at an ave pressure of 2229 psi @ 23.2 BPM. ISIP 2405psi.

4-29-08 4692-4748' **Frac D3 & D2 sands as follows:**
 Frac with 133141 #'s of 20/40 sand in 962 bbls of Lightning 17 fluid. Treat at an ave pressure of 2005 psi @ 24.6 BPM. ISIP 2005 psi.

4-29-08 4093-4171' **Frac GB4 & GB6 sand as follows:**
 Frac with 43849 #'s of 20/40 sand in 426 bbls of Lightning 17 fluid. Treat at an ave pressure of 1908 psi @ 23.2 BPM. ISIP 1900 psi.

7/14/08 **Pump change.** Updated tubing and rod detail.

9/9/08 **Pump Change.** Updated rod & tubing details.

3/23/10 **Pump change.** Updated rod and tubing detail.

1/26/12 **Parted rods.** Updated rod and tubing detail.

07/18/13 **Convert to Injection Well**

07/18/13 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

4093-4099'	4 JSPF	24 holes
4125-4130'	4 JSPF	20 holes
4166-4171'	4 JSPF	20 holes
4692-4708'	4 JSPF	64holes
4732-4748'	4 JSPF	64 holes
5086-5094'	4 JSPF	32 holes
5548-5574'	4 JSPF	104 holes



State 6-16-9-16
 1847' FNL & 1974' FWL
 SENW Section 16-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33850; Lease # Utah State ML-16532

43-013-50441

GMB 3-16-9-16H

Wellbore Diagram



Surface Location: NE/NW, Sec 16, T9S R16E
 County/State: Greater Monument Butte, Duchesne County, Utah
 Elevation: 5847' GL + 12' KB API: 43-013-50441

Wellhead	

8-5/8" Casing Shoe 1,025

Casing Detail	Size	Wt.	Grade	Conn.	Top	Bottom	Burst	Collapse	ID	Drift	bbf/ft	Hole	TOC
Surface	8-5/8"	24#	J-55	LTC	0	1,025							Surface
Production	5-1/2"	17#	M-80	LTC		5,993	7,740	7,020	4,892	4,767	0.0233	7-7/8"	Port Collar:
Production	4-1/2"	11.6#	P-110	LTC	5,993 TVD	10,249 6,011	7,774	8,510	4,000	3,875	0.0155	6-1/8"	5,654' md to Surface

burst & collapse values are book, no additional safety factors have been applied

Tubing Detail	Size	Wt.	Grade	Conn.	Length	Top	Bottom	Joints
TUBG DETAIL: sand drain valve, 3 jts 2 7/8" tbg., Cavins De-sander, 2 7/8" sub, 1 jt 2 7/8" tbg., SN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 187 jts 2 7/8" tbg and tbg hanger. TA @ 5,870'. SN @ 5,903'. EOT @ 6,052' NOTE on Tubing Anchor: TA (shortened inner springs & beveled outer springs -4.625" OD)								

WELLBORE FLUIDS
Lateral section fluid= +8.4 ppg "clean" brine

Rod Detail	Size	Grade	Count	Length	Top	Bottom
Pump and Rod Detail: Weatherford MacGyver 1 3/4" x 28" rod pump, stabilizer sub, on/off tool, stabilizer sub, SE 4 Co-rod, 1- 8', 6', 4', 2' x 7/8" pony rods, 1 1/2" x 26' polished rod NOTE on Pump: with CoRod, must have Clutch (on/off tool) installed.						

WFD port Collar 5,355
KOP 5,400

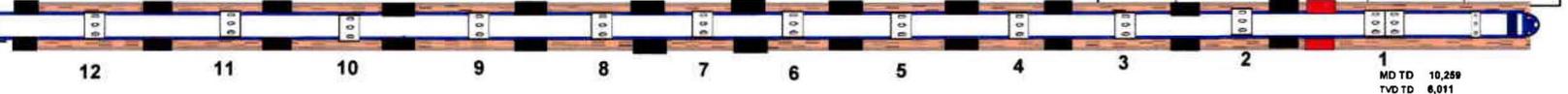
OH Anchor/Packer 5,481
OH Anchor/Packer 5,372

Proposed Frac Data	Packers Plus 12 Stage StackFrac HD Stimulation Liner		Prop type/ size	Prop Vol (lbs)	Total Clean Vol (bbbls)
	Top	Bottom			
Toe Section	10,249	10,249	Packers Plus 4-1/2" Toe Circulating Sub w/1,000" Seat for 1,250" SF2 High Pressure Ball (Actuated at 1,098 psi). And Open Hole TD		
Stage 1	10,087	10,249	Dual Hydraulic Frac Port: Depth 10,180 Ball OD (in.) NA Seat ID (in.) NA Vol. to Seat (bbl) 204.33 Actual Vol. (bbl) NA Difference (bbl) NA Ball Action (AP)	100 mesh sand 0 30/50 mesh sand 0	1,903
OH Anchor/Packer	10,080	10,087	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Mechanical Packer 1	10,002	10,007	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	100 mesh sand 34,144 30/50 mesh sand 30,760	2,342
Stage 2	9,682	10,002	FracPort 2: Depth 9,641 Ball OD (in.) 2,125 Seat ID (in.) 2,000 Vol. to Seat (bbl) 199.39 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)	100 mesh sand 36,389 30/50 mesh sand 18,835	2,775
Mechanical Packer 2	9,677	9,682	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 3	9,914	9,677	FracPort 3: Depth 9,841 Ball OD (in.) 2,125 Seat ID (in.) 2,000 Vol. to Seat (bbl) 199.39 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)	100 mesh sand 7,548 30/50 mesh sand 0	2,716
Mechanical Packer 3	9,354	9,359	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 4	9,035	9,354	FracPort 4: Depth 9,193 Ball OD (in.) 2,375 Seat ID (in.) 2,250 Vol. to Seat (bbl) 189.36 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)	100 mesh sand 28,177 30/50 mesh sand 36,211	4,118
Mechanical Packer 4	8,030	9,035	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 5	8,710	9,030	FracPort 5: Depth 8,869 Ball OD (in.) 2,600 Seat ID (in.) 2,375 Vol. to Seat (bbl) 184.35 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)	100 mesh sand 37,277 30/50 mesh sand 30,591	3,907
Mechanical Packer 5	8,705	8,710	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 6	8,386	8,705	FracPort 6: Depth 8,544 Ball OD (in.) 2,625 Seat ID (in.) 2,500 Vol. to Seat (bbl) 179.32 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)	100 mesh sand 32,229 30/50 mesh sand 21,643	2,784
Mechanical Packer 6	8,381	8,386	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 7	8,066	8,381	FracPort 7: Depth 8,220 Ball OD (in.) 2,750 Seat ID (in.) 2,625 Vol. to Seat (bbl) 174.30 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)	100 mesh sand 35,076 30/50 mesh sand 30,420	3,706
Mechanical Packer 7	8,061	8,066	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 8	7,743	8,061	FracPort 8: Depth 7,901 Ball OD (in.) 2,875 Seat ID (in.) 2,750 Vol. to Seat (bbl) 169.37 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)	100 mesh sand 30,308 30/50 mesh sand 14,314	2,777
Mechanical Packer 8	7,738	7,743	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 9	7,418	7,738	FracPort 9: Depth 7,577 Ball OD (in.) 3,000 Seat ID (in.) 2,875 Vol. to Seat (bbl) 164.35 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)	100 mesh sand 25,505 30/50 mesh sand 3,467	1,869
Mechanical Packer 9	7,413	7,418	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 10	6,788	7,413	FracPort 10: Depth 7,252 Ball OD (in.) 3,125 Seat ID (in.) 3,000 Vol. to Seat (bbl) 159.32 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)	100 mesh sand 37,884 30/50 mesh sand 36,949	2,804
Mechanical Packer 10	7,088	7,093	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 11	6,768	7,088	FracPort 11: Depth 6,927 Ball OD (in.) 3,250 Seat ID (in.) 3,125 Vol. to Seat (bbl) 154.29 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)	100 mesh sand 31,284 30/50 mesh sand 21,198	2,755
Mechanical Packer 11	6,763	6,768	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 12	6,445	6,763	FracPort 11: Depth 6,601 Ball OD (in.) 3,375 Seat ID (in.) 3,250 Vol. to Seat (bbl) 154.29 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)		
Mechanical Packer 12	6,438	6,445	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
OH Anchor/Packer	5,481	5,456	Packer Plus 8-5/8" x 5-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,046psi)		Total Fluid 34,456
OH Anchor/Packer	5,372	5,372	Packer Plus 8-5/8" x 5-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,046psi)		(bbl)

Lat Length	3,804
Total Stim. Lateral	3,804
Avg. Stage Length	317' between packers

Sand Total	100 mesh sand 335,921
	30/50 mesh sand 244,388
	# sand per foot of lateral 153

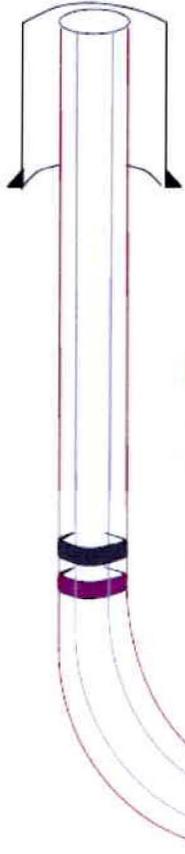
57' MD TD 5,993



MD TD 10,259
TVD 6,011

Liner Length: 10,249'
Liner: 5-1/2" 17# / 4-1/2" 11.6# M/N80 LTC
Top Packer: 9-5/8" x 5-1/2" RockSeal II / IIS
Set @ 5,372'

FINAL COMPLETION



Casing	Start	End	FTG
8-5/8" 24# J55 LTC	0'	1,025'	1,025'
Liner	Start	End	FTG
5-1/2" 17# M80	0'	5,993'	5,993'
4-1/2" 11.6# N80	5,993'	10,249'	4,256'

RockSeal Packers @

ANCH	10,080'	PKR 8	7,738'
PKR 1	10,002'	PKR 9	7,413'
PKR 2	9,677'	PKR 10	7,088'
PKR 3	9,354'	PKR 11	6,763'
PKR 4	9,030'	PKR 12	6,438'
PKR 5	8,705'		
PKR 6	8,381'	ANCH	5,451'
PKR 7	8,061'	PKR 13	5,372'

Marker Joint 4,743'

KOP @ 5,400'

Port Collar 5,355'

Top Packer @ 5,372'

5-1/2"x4-1/2" Crossover @ 5,993'

FracPorts @

DEH	10,160'	2,625	8,220'
2,000	9,841'	2,750	7,901'
2,125	9,517'	2,875	7,577'
2,250	9,193'	3,000	7,252'
2,375	8,869'	3,125	6,927'
2,500	8,544'	3,250	6,601'

Interval Spacing

STG 1	179'	Toe
STG 2	324'	
STG 3	324'	
STG 4	324'	
STG 5	325'	
STG 6	324'	
STG 7	320'	
STG 8	322'	
STG 9	325'	
STG 10	325'	
STG 11	326'	
STG 12	325'	EOB
AVG	324'	

EOB @ 6,039'

In Zone @ 6,400'

TD @ 10,259'

GS @ 10,249'

GMBU L-9-9-16

Spud Date: 9/28/12
 Put on Production: 11/6/12
 GL: 5722' KB: 5732'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6jts (263.15')
 DEPTH LANDED: 319.62'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160sxs Class "G" cmt, circ 5 bbls to surf.

PRODUCTION CASING

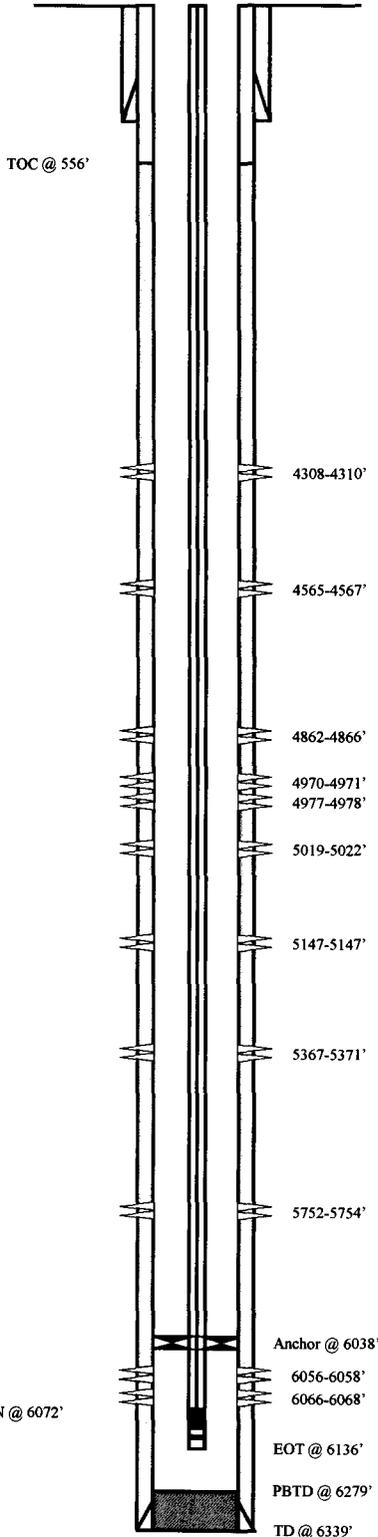
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 154jts (6306.08')
 DEPTH LANDED: 6322.69'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 240sxs Premilite II & 470sxs 50:50 POZ.
 CEMENT TOP: 556' per CBL 10/22/12

TUBING (KS 11/6/12)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 192jts (6026.7')
 TUBING ANCHOR: 6037.5'
 NO. OF JOINTS: 1jt (31.4')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 6071.8'
 NO. OF JOINTS: 2jts (63')
 NOTCHED COLLAR: 2-7/8" (0.5')
 TOTAL STRING LENGTH: EOT @ 6136'

SUCKER RODS (KS 11/6/12)

POLISHED ROD: 30' x 1-1/2" Polished Rods
 SUCKER RODS: 2', 6', 8' x 7/8" Pony Rods, 71 x 7/8"
 4per Guided Rods, 140 x 3/4" 4per Guided Rods, 30 x 7/8"
 8per Guided Rods
 PUMP SIZE: 2-1/2" x 1-3/4" x 21' x 24' RHAC
 STROKE LENGTH: 146"
 PUMP SPEED, SPM: 4.5
 PUMPING UNIT: DARCO C-640-365-168



FRAC JOB

Depth Range	Frac zone as follows:
5752-6068'	50,838# 20/40 sand in 302 bbls 17# Borate Treated @ 3324 avg PSI w/avg rate of 38 BPM. ISIP 1515 psi.
5147-5371'	35,419# 20/40 sand in 228 bbls 17# Borate Treated @ 3162 avg PSI w/avg rate of 32 BPM. ISIP 1725 psi.
4970-5022'	50,077# 20/40 sand in 301 bbls 17# Borate Treated @ 3632 avg PSI w/avg rate of 28 BPM. ISIP 1850 psi.
4862-4866'	59,471# 20/40 sand in 349 bbls 17# Borate Treated @ 3403 avg PSI w/avg rate of 29 BPM. ISIP 1975 psi.
4308-4567'	30,160# 20/40 sand in 196 bbls 17# Borate Treated @ 3263 avg PSI w/avg rate of 32 BPM. ISIP 1585 psi.

PERFORATION RECORD

Depth	Perforations	Date
4308-4310'	3 JSPF	10/24/12
4565-4567'	3 JSPF	10/24/12
4862-4866'	3 JSPF	10/24/12
4970-4971'	3 JSPF	10/24/12
4977-4978'	3 JSPF	10/24/12
5019-5022'	3 JSPF	10/24/12
5147-5148'	3 JSPF	10/24/12
5367-5371'	3 JSPF	10/24/12
5752-5754'	3 JSPF	10/22/12
6056-6058'	3 JSPF	10/22/12
6066-6068'	3 JSPF	10/22/12

NEWFIELD

GMBU L-9-9-16
 1817' FNL & 669' FEL
 SE/NE Section 9, T9S-R16E
 Duchesne Co, Utah
 API #43-013-51173; Lease #UTU-65207



Schematic

43-013-51685

Well Name: GMBU B-16-9-16

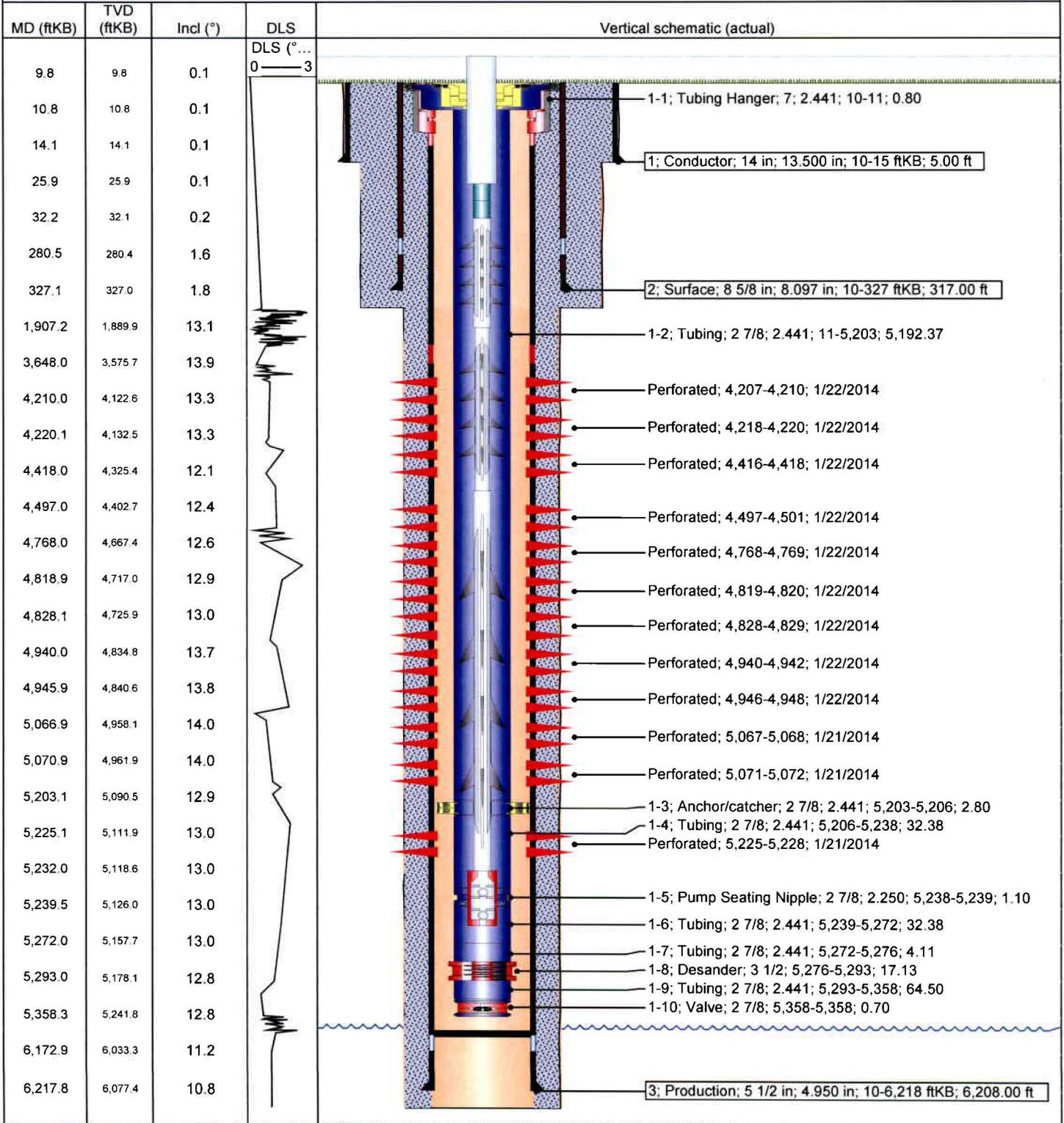
Surface Legal Location SESE 718 FSL 752 FEL Sec 9 T9S R16E Mer SLB		API/UWI 43013516850000	Well RC 500346804	Lease UTU40894	State/Province Utah	Field Name GMBU CTB5	County Duchesne
Spud Date 12/18/2013	Rig Release Date 1/2/2014	On Production Date	Original KB Elevation (ft) 5,771	Ground Elevation (ft) 5,761	Total Depth All (TVD) (ftKB) Original Hole - 6,085.4	PBTD (All) (ftKB) Original Hole - 6,171.0	

Most Recent Job

Job Category Initial Completion	Primary Job Type Other Stimulation	Secondary Job Type P&P	Job Start Date 1/21/2014	Job End Date 1/28/2014
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TD: 6,226.0

Slant - Original Hole, 2/28/2014 6:22:56 AM



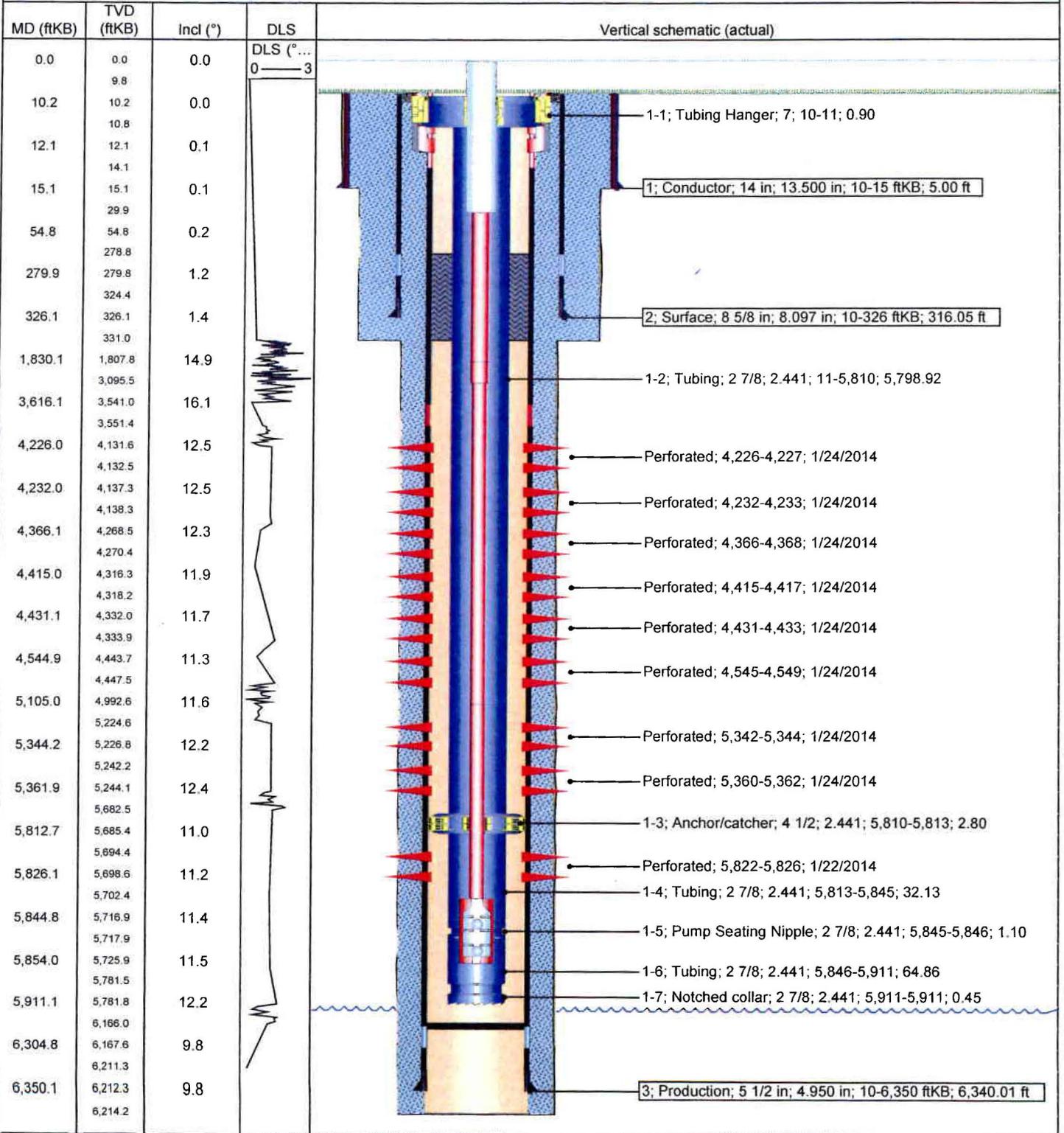
43-013-51686

Well Name: GMBU T-8-9-16

Surface Legal Location NESE 2112 FSL 904 FEL Sec 8 T9S R16E Mer SLB		API/UWI 43013516860000	Well RC 500346814	Lease UTU64379	State/Province Utah	Field Name GMBU CTB5	County Duchesne
Spud Date 12/17/2013	Rig Release Date 1/9/2014	On Production Date	Original KB Elevation (ft) 5,906	Ground Elevation (ft) 5,896	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 6,303.1	

Most Recent Job				
Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 1/22/2014	Job End Date 2/3/2014

TD: 6,352.0 Slant - Original Hole, 3/18/2014 11:36:23 AM



Well Name: **GMBU O-9-9-16**

43-013-51691

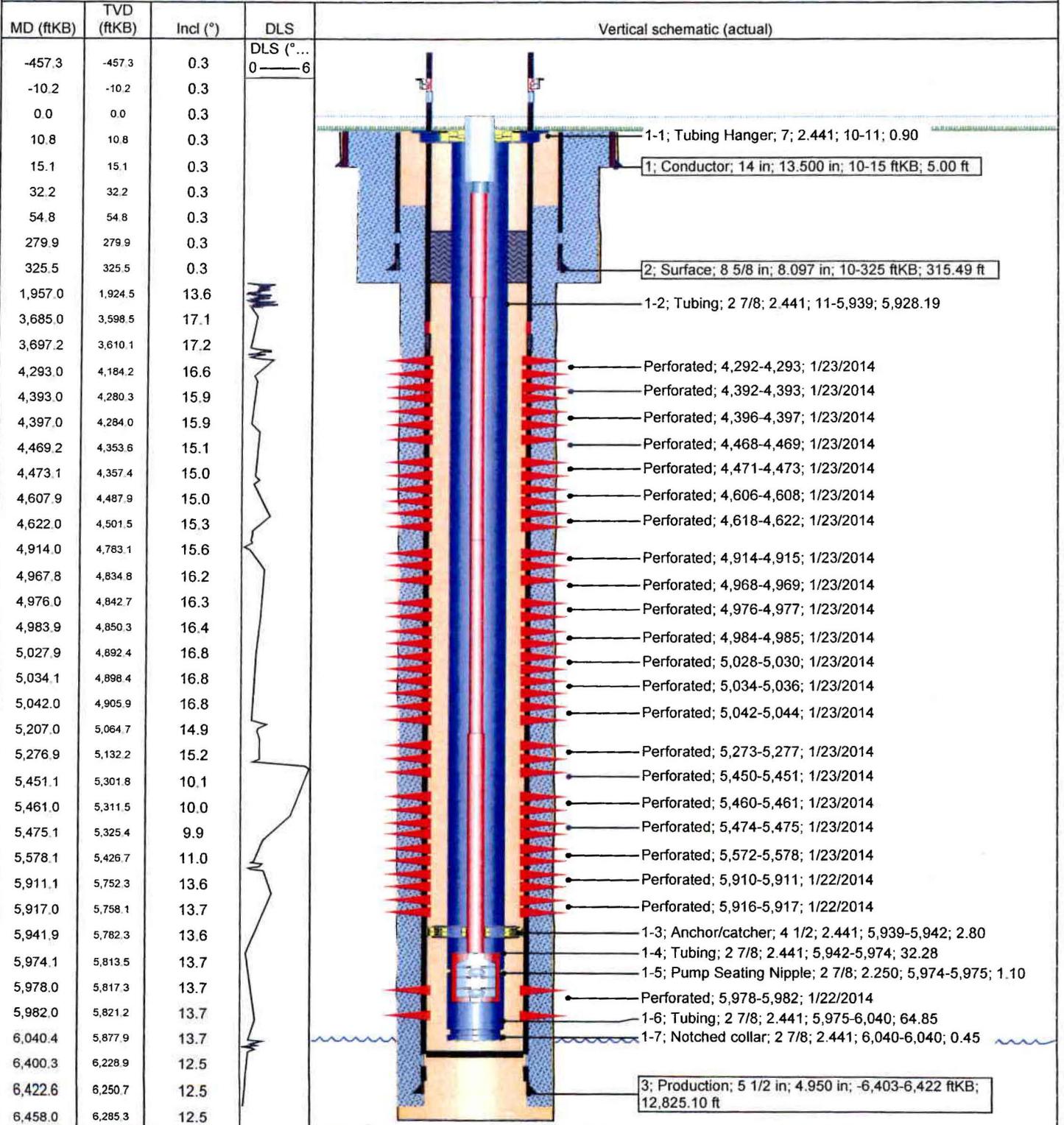
Surface Legal Location NESE 2123 FSL 922 FEL Sec 8 T9S R16E Mer SLB		API/UWI 43013516910000	Well RC 500346812	Lease UTU64379	State/Province Utah	Field Name GMBU CTB5	County Duchesne
Spud Date 12/16/2013	Rig Release Date 1/6/2014	On Production Date	Original KB Elevation (ft) 5,906	Ground Elevation (ft) 5,896	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)	Original Hole - 6,398.5

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 1/22/2014	Job End Date 1/29/2014
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TD: 6,458.0

Slant - Original Hole, 3/18/2014 11:34:59 AM



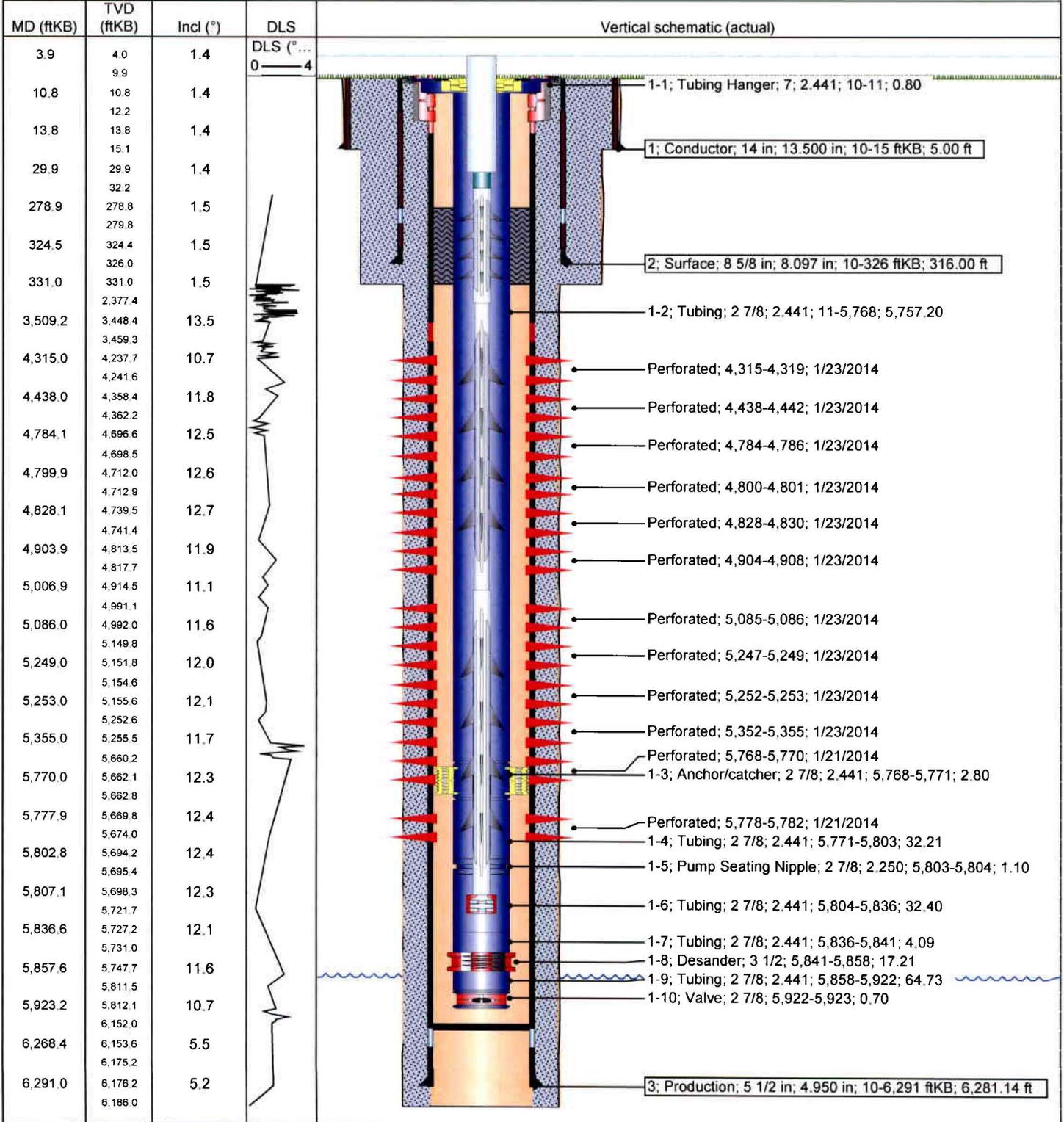
Well Name: **GMBU S-9-9-16**

43-013-51692

Surface Legal Location SESE 738 FSL 759 FEL Sec 9 T9S R16E Mer SLB		API/UWI 43013516920000	Well RC 500334459	Lease UTU40894	State/Province Utah	Field Name GMBU CTB5	County Duchesne
Spud Date 12/18/2013	Rig Release Date 1/7/2014	On Production Date	Original KB Elevation (ft) 5,771	Ground Elevation (ft) 5,761	Total Depth All (TVD) (ftKB) Original Hole - 6,186.1	PBD (All) (ftKB) Original Hole - 6,266.7	

Most Recent Job			
Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 1/21/2014
			Job End Date 1/31/2014

TD: 6,301.0 Slant - Original Hole, 2/28/2014 6:22:06 AM



43-013-51695

NEWFIELD

GMBU G-9-9-16

Monument Butte - Duchesne County; Utah, USA

Surface Legal Location: SE/NW Section 9, T9S, R16E; 1968' FNL & 1993' FWL

Elevation: 5787' GL + 10' KB

API Number: 43-013-51695; Lease Number: UTLI-79833

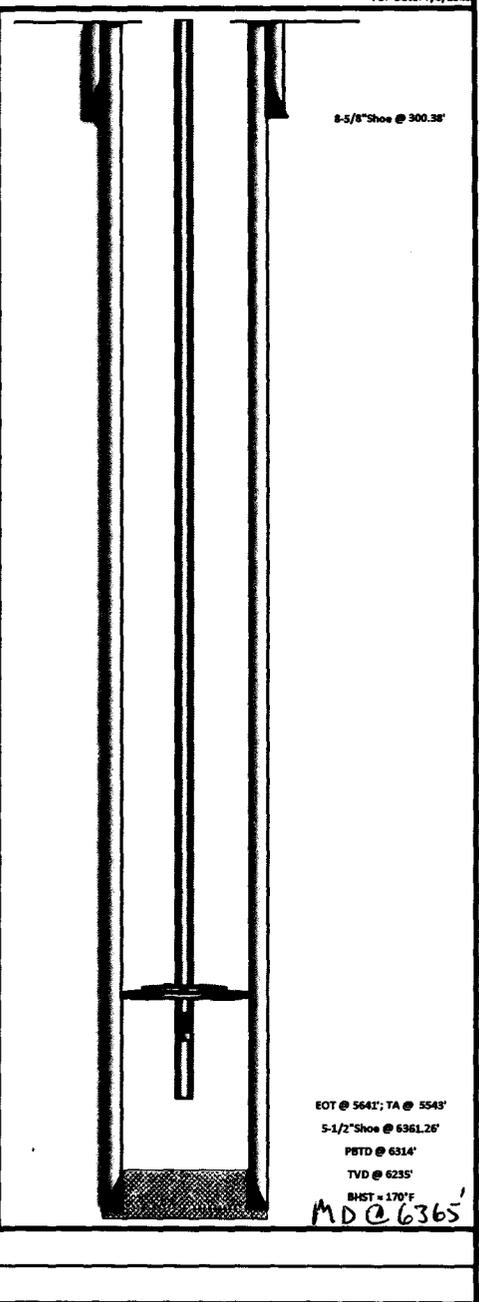
Paul Lembcke

PFM 6/13/2013

Spud Date: 5/26/2013

Pop Data: 7/3/2013

CASING DETAIL	Casing	Top	Bottom	Size	Wt.	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	300'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
Prod	10'	6,361'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875	
TRG DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	5,641'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @	5,543'	
ROD DETAIL	Component	Top	Bottom	Size	Grade	Length	Count	Pump					
	Pony Rod	0'	2'	7/8"	Tenaris D78	2	1	Insert Pump: 2.5" Max ID x 1.75" Plunger RHAC @ 5567'					
	Polish Rod	2'	32'	1 1/2"	Spray Metal	30	1						
	Pony Rod	32'	34'	7/8"	Tenaris D78	2	1						
	Pony Rod	34'	42'	7/8"	Tenaris D78	8	1						
	4per Guided Rod	42'	1,892'	7/8"	Tenaris D78	1850	74						
	4per Guided Rod	1,892'	4,817'	3/4"	Tenaris D78	2925	117						
8per Guided Rod	4,817'	5,567'	7/8"	Tenaris D78	750	30							
Stage	Top	Bottom	SPF	END	Date	Frac Summary							
5	0'	0'	2	-	-	Formation:	GB4						
	0'	0'	2	-	-	20/40 White:	33,417 lbs	15% HCl:	0 gals				
	0'	0'	2	-	-	Pad:	4,400 gals	Treating Fluid:	8,160 gals				
	0'	0'	2	-	-	Flush:	4,362 gals	Load to Recover:	16,922 gals				
	4,363'	4,364'	2	0.34	6/24/2013	ISIP=	0.906 psi/ft	Max STP:	2,666 psi				
	4,368'	4,370'	2	0.34	6/24/2013								
4	0'	0'	3	-	-	Formation:	PB10						
	0'	0'	3	-	-	20/40 White:	18,295 lbs	15% HCl:	504 gals				
	0'	0'	3	-	-	Pad:	10,710 gals	Treating Fluid:	14,756 gals				
	0'	0'	3	-	-	Flush:	9,278 gals	Load to Recover:	35,248 gals				
	0'	0'	3	-	-	ISIP=	0.818 psi/ft	Max STP:	2,374 psi				
	4,614'	4,622'	3	0.34	6/24/2013								
3	0'	0'	2	-	-	Formation:	D1 D53						
	0'	0'	2	-	-	20/40 White:	60,219 lbs	15% HCl:	504 gals				
	0'	0'	2	-	-	Pad:	4,599 gals	Treating Fluid:	13,602 gals				
	4,824'	4,826'	2	0.34	6/24/2013	Flush:	4,805 gals	Load to Recover:	23,510 gals				
	4,832'	4,834'	2	0.34	6/24/2013	ISIP=	0.863 psi/ft	Max STP:	3,737 psi				
	4,883'	4,885'	2	0.34	6/24/2013								
2	0'	0'	2	-	-	Formation:	C-Sand D3 D2						
	0'	0'	2	-	-	20/40 White:	45,400 lbs	15% HCl:	504 gals				
	0'	0'	2	-	-	Pad:	4,360 gals	Treating Fluid:	10,202 gals				
	4,953'	4,955'	2	0.34	6/24/2013	Flush:	4,985 gals	Load to Recover:	20,051 gals				
	4,983'	4,984'	2	0.34	6/24/2013	ISIP=	0.819 psi/ft	Max STP:	3,059 psi				
	4,987'	4,988'	2	0.34	6/24/2013								
1	5,358'	5,360'	2	0.34	6/20/2013	Formation:	LODC A3						
	5,390'	5,391'	2	0.34	6/20/2013	20/40 White:	214,764 lbs	15% HCl:	756 gals				
	5,451'	5,452'	2	0.34	6/20/2013	Pad:	13,411 gals	Treating Fluid:	47,739 gals				
	5,459'	5,460'	2	0.34	6/20/2013	Flush:	5,405 gals	Load to Recover:	67,311 gals				
	5,435'	5,436'	2	0.34	6/20/2013	ISIP=	0.841 psi/ft	Max STP:	3,065 psi				
	5,495'	5,496'	2	0.34	6/20/2013								
	5,513'	5,514'	2	0.34	6/20/2013								
	5,561'	5,562'	2	0.34	6/20/2013								
	5,568'	5,569'	2	0.34	6/20/2013								
CEMENT	Surf	On 5/28/13 Baker Hughes cemented 8 5/8" casing w/ 175 sks Class "G" + 2% KCl + 0.25#/sk Celio Flake at 15.8 ppg w/ 1.17 yield and returned 10 bbls to the pit.											
	Prod	On 6/3/13 Baker pumped 220sks lead @ 11 ppg w/ 3.53 yield plus 455 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 17 bbls to the pit. TOC @ 50'.											



EOT @ 5641'; TA @ 5543'
 5-1/2" Shoe @ 6361.26'
 PBTD @ 6314'
 TVD @ 6235'
 BHST = 170°F

MDC 6365'



Schematic

43-013-52334

Well Name: GMBU X-9-9-16

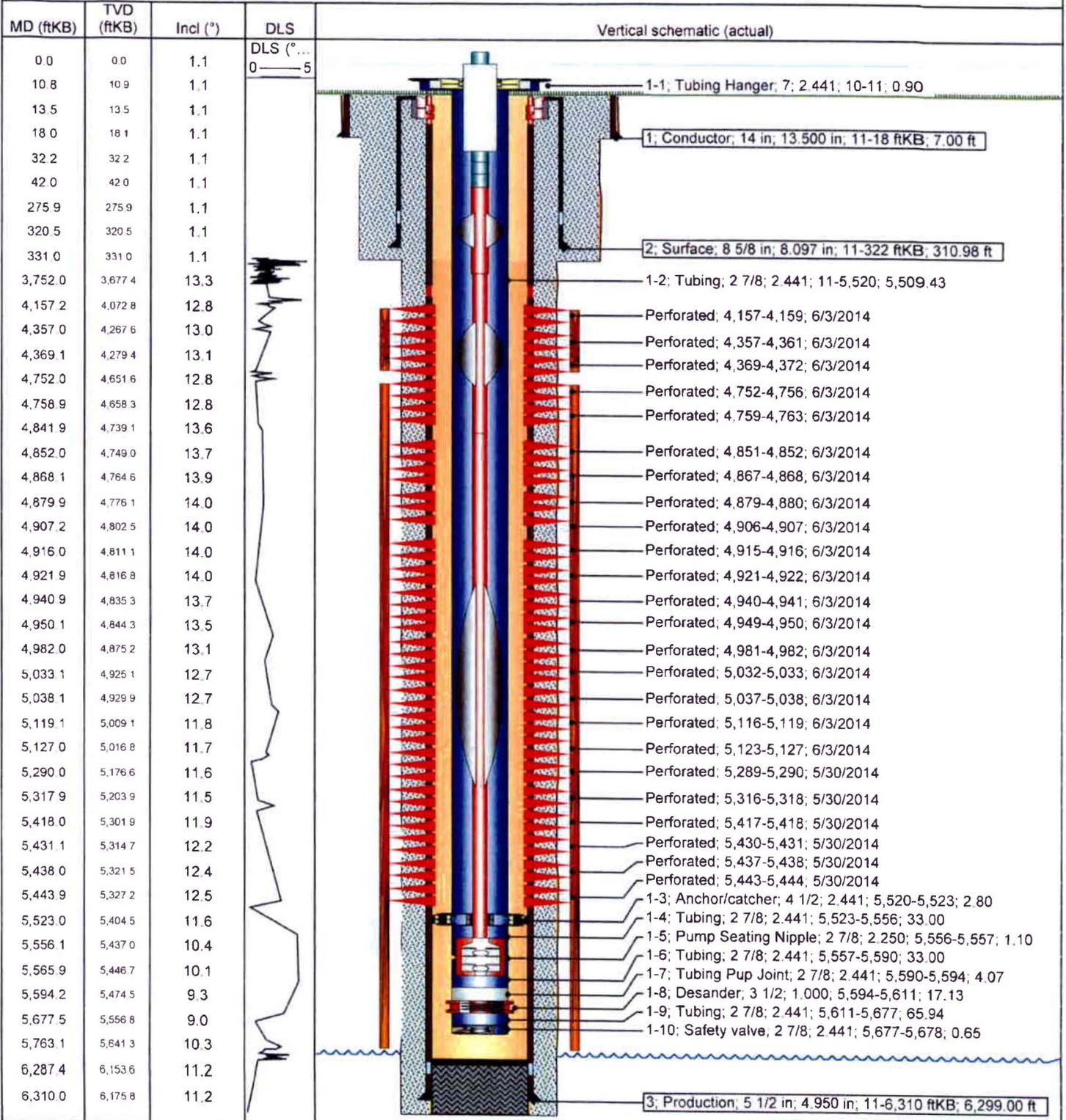
Surface Legal Location NWNW 684' FNL 855' FWL Sec 16 T9S R16E		API/UWI 43013523340000	Well RC 500346545	Lease UTU79831	State/Province Utah	Field Name GMBU CTB5	County Duchesne
Spud Date 4/23/2014	Rig Release Date 5/16/2014	On Production Date 6/11/2014	Original KB Elevation (ft) 5,889	Ground Elevation (ft) 5,878	Total Depth All (TVD) (ftKB) Original Hole - 6,183.6	PBTD (All) (ftKB) Original Hole - 6,285.5	

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 5/30/2014	Job End Date 6/10/2014
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TD: 6,318.0

Slant - Original Hole, 7/15/2014 8:10:04 AM



NEWFIELD

Schematic

43-013-52336

Well Name: **GMBU U-8-9-16**

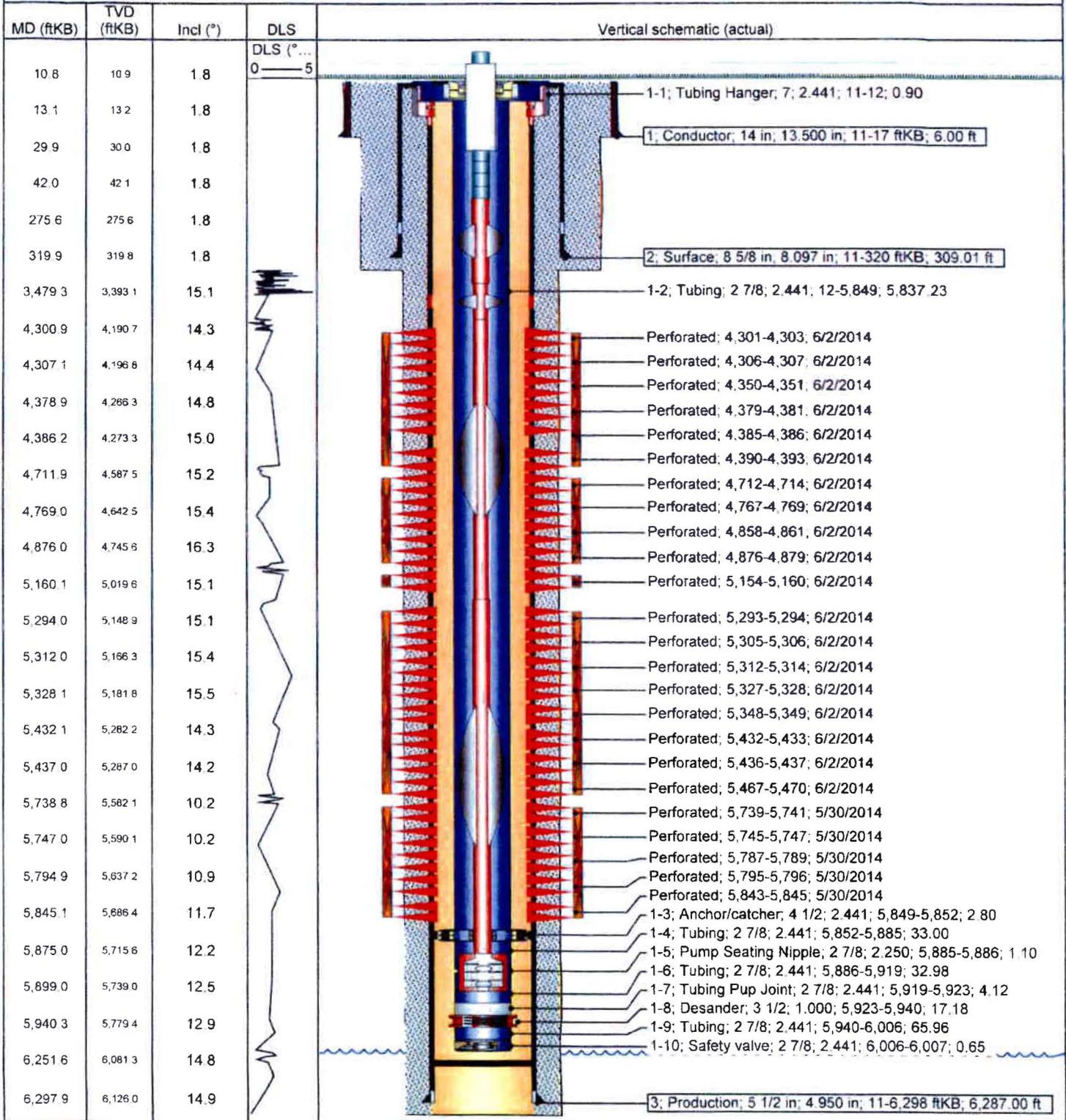
Surface Legal Location NVVNW 674' FNL 836' FWL Sec 16 T9S R16E				API/UWI 43013523360000	Well RC 500346538	Lease UTU64379	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 4/22/2014	Rig Release Date 5/11/2014	On Production Date 6/11/2014	Original KB Elevation (ft) 5,889	Ground Elevation (ft) 5,878	Total Depth All (TVD) (ftKB) Original Hole - 6,135.7	PBD (All) (ftKB) Original Hole - 6,251.5			

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 5/30/2014	Job End Date 6/6/2014
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TD: 6,308.0

Slant - Original Hole, 7/15/2014 8:11:41 AM



Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
 Well Name: **FEDERAL 14-9-9-16**
 Sample Point: **Well**
 Sample Date: **10/24/2013**
 Sample ID: **WA-257464**

Sales Rep: **Michael McBride**
 Lab Tech: **Gary Winegar**

Scaling potential predicted using ScaleSoftPitzer from
 Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	11/5/2013	Sodium (Na):	6498.48	Chloride (Cl):	10000.00
System Temperature 1 (°F):	120	Potassium (K):	82.04	Sulfate (SO4):	35.00
System Pressure 1 (psig):	60	Magnesium (Mg):	13.58	Bicarbonate (HCO3):	683.00
System Temperature 2 (°F):	210	Calcium (Ca):	128.14	Carbonate (CO3):	
System Pressure 2 (psig):	60	Strontium (Sr):	12.22	Acetic Acid (CH3COO)	
Calculated Density (g/ml):	1.009	Barium (Ba):	17.35	Propionic Acid (C2H5COO)	
pH:	7.00	Iron (Fe):	29.56	Butanoic Acid (C3H7COO)	
Calculated TDS (mg/L):	17504.36	Zinc (Zn):	0.08	Isobutyric Acid ((CH3)2CHCOO)	
CO2 in Gas (%):		Lead (Pb):	0.00	Fluoride (F):	
Dissolved CO2 (mg/L):	60.00	Ammonia NH3:		Bromine (Br):	
H2S in Gas (%):		Manganese (Mn):	3.16	Silica (SiO2):	1.75
H2S in Water (mg/L):	5.00				

Notes:
B=5.12 Al=0 Li=2.37

(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.81	53.23	0.60	6.93	2.70	4.63	2.14	21.25	0.00	0.00	0.00	0.00	0.00	0.00	6.92	0.04
200.00	60.00	0.73	48.43	0.61	7.05	2.66	4.63	2.07	21.21	0.00	0.00	0.00	0.00	0.00	0.00	6.97	0.04
190.00	60.00	0.66	43.60	0.64	7.18	2.61	4.62	1.99	21.15	0.00	0.00	0.00	0.00	0.00	0.00	7.02	0.04
180.00	60.00	0.58	38.78	0.66	7.34	2.57	4.62	1.91	21.09	0.00	0.00	0.00	0.00	0.00	0.00	7.08	0.04
170.00	60.00	0.51	34.01	0.69	7.51	2.54	4.62	1.84	21.01	0.00	0.00	0.00	0.00	0.00	0.00	7.15	0.04
160.00	60.00	0.44	29.30	0.72	7.70	2.51	4.62	1.76	20.91	0.00	0.00	0.00	0.00	0.00	0.00	7.23	0.04
150.00	60.00	0.37	24.71	0.76	7.90	2.49	4.62	1.68	20.79	0.00	0.00	0.00	0.00	0.00	0.00	7.31	0.04
140.00	60.00	0.30	20.26	0.81	8.12	2.47	4.62	1.59	20.64	0.00	0.00	0.00	0.00	0.00	0.00	7.40	0.04
130.00	60.00	0.24	15.97	0.86	8.34	2.46	4.62	1.51	20.47	0.00	0.00	0.00	0.00	0.00	0.00	7.49	0.04
120.00	60.00	0.18	11.89	0.91	8.56	2.46	4.62	1.43	20.26	0.00	0.00	0.00	0.00	0.00	0.00	7.60	0.04

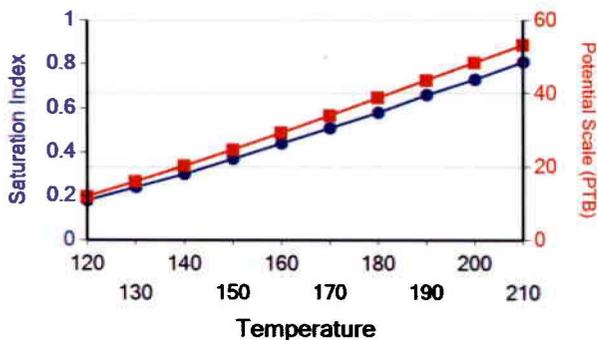
Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO4*0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate		
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.79	1.89
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.32	1.88
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.85	1.87
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.39	1.85
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.92	1.81
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.46	1.75
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	1.65
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54	1.49
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.09	1.25
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.88

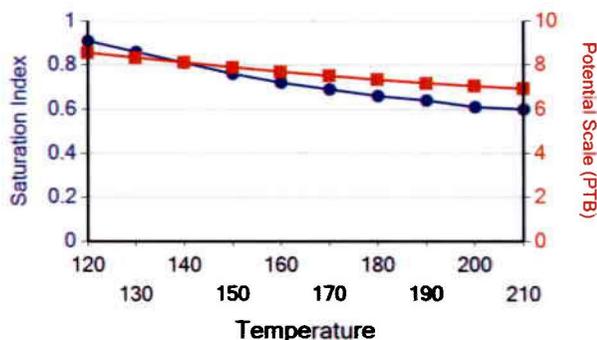
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Fe Silicate

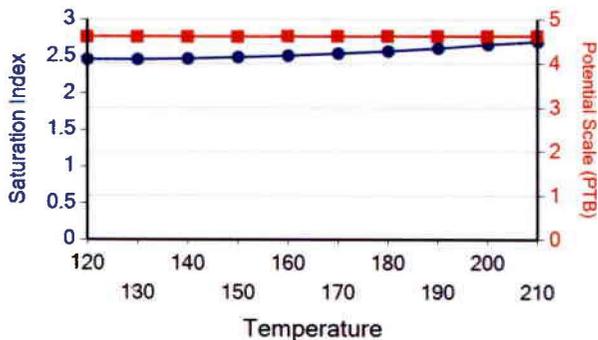
Calcium Carbonate



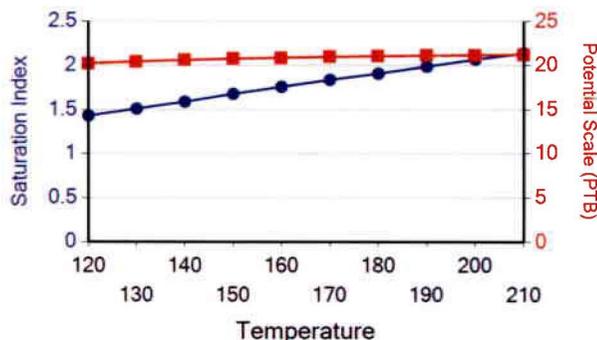
Barium Sulfate



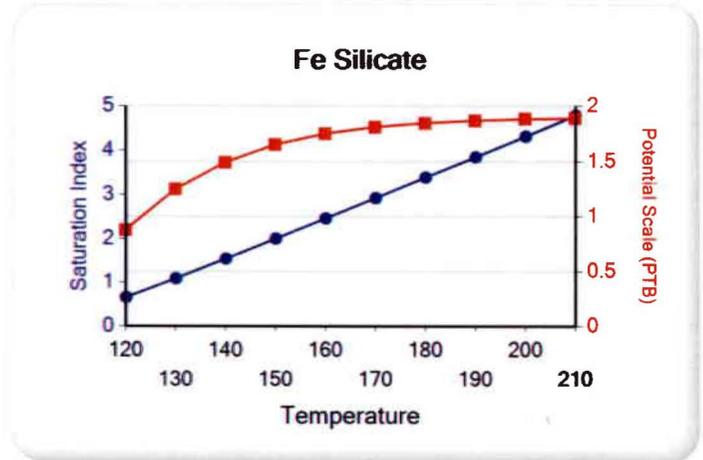
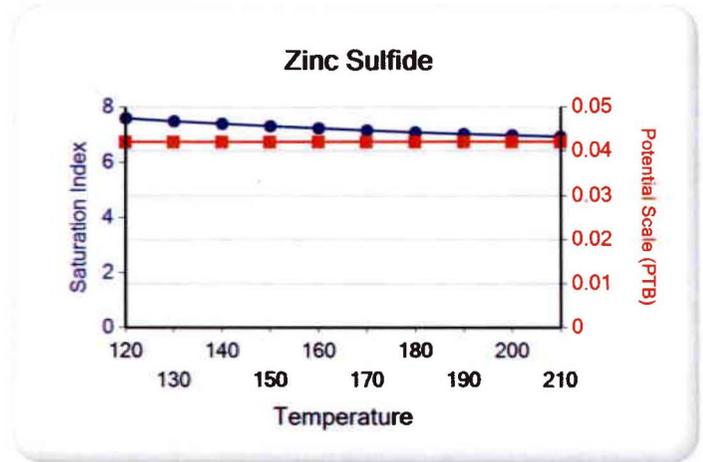
Iron Sulfide



Iron Carbonate



Water Analysis Report



Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
 Well Name: **WELLS DRAW INJ FACILITY**
 Sample Point: **Commingled After Filter**
 Sample Date: **11/18/2013**
 Sample ID: **WA-259493**

Sales Rep: **Jacob Bird**
 Lab Tech: **Gary Winegar**

Scaling potential predicted using ScaleSoftPitzer from
 Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	11/26/2013	Sodium (Na):	141.00	Chloride (Cl):	1000.00
System Temperature 1 (°F):	120	Potassium (K):	39.00	Sulfate (SO4):	41.00
System Pressure 1 (psig):	2000	Magnesium (Mg):	24.00	Bicarbonate (HCO3):	1122.00
System Temperature 2 (°F):	210	Calcium (Ca):	41.00	Carbonate (CO3):	
System Pressure 2 (psig):	2000	Strontium (Sr):	0.70	Acetic Acid (CH3COO)	
Calculated Density (g/ml):	0.999	Barium (Ba):	0.00	Propionic Acid (C2H5COO)	
pH:	6.50	Iron (Fe):	0.11	Butanoic Acid (C3H7COO)	
Calculated TDS (mg/L):	2413.76	Zinc (Zn):	0.03	Isobutyric Acid ((CH3)2CHCOO)	
CO2 in Gas (%):		Lead (Pb):	0.00	Fluoride (F):	
Dissolved CO2 (mg/L):	24.00	Ammonia NH3:		Bromine (Br):	
H2S in Gas (%):		Manganese (Mn):	0.00	Silica (SiO2):	4.92
H2S in Water (mg/L):	0.00				

Notes:

B=4 Al=1.18 Li=0

(PTB = Pounds per Thousand Barrels)

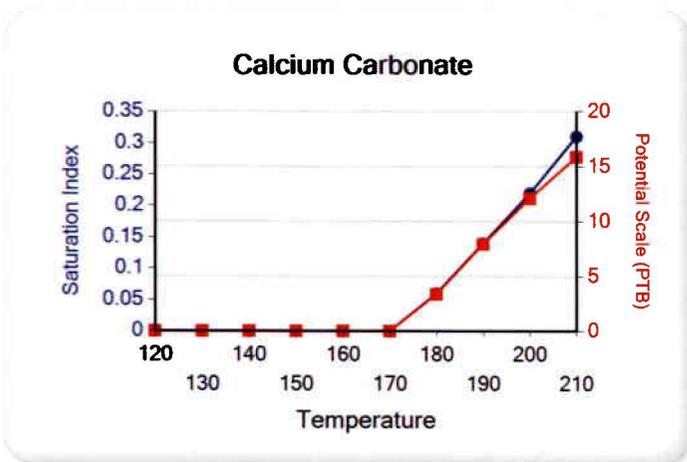
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	0.31	15.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	2000.00	0.22	12.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	2000.00	0.14	7.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	2000.00	0.06	3.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate

These scales have positive scaling potential under final temperature and pressure:



Attachment "G"

**Federal 14-9-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5869	5886	5878	2005	0.77	1967
5600	5610	5605	1840	0.76	1804 ←
5354	5388	5371	3151	1.02	3116
5223	5234	5229	2287	0.87	2253
5140	5150	5145	2350	0.89	2317
4985	4990	4988	2020	0.84	1988
4870	4979	4925	1900	0.82	1868
4752	4800	4776	2039	0.86	2008
4148	4232	4190	1940	0.90	1913
				Minimum	<u><u>1804</u></u>

Calculation of Maximum Surface Injection Pressure
 $P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

Daily Activity Report

Format For Sundry

FEDERAL 14-9-9-16

3/1/2007 To 7/30/2007

4/19/2007 Day: 1

Completion

Rigless on 4/18/2007 - Install 5M frac head. NU Cameron BOP. RU H/O truck & pressure test casing, frac head, blind rams & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5993' & cement top @ 103'. Perforate stage #1 W/ 4" ported gun as follows: CP4 sds @ 5869-5886' W/ 4 JSPF for total of 68 shots. RD WLT. SIFN W/ est 145 BWTR.

5/8/2007 Day: 2

Completion

Rigless on 5/7/2007 - RU BJ Services. 62 psi on well. Frac CP4 sds w/ 58,920#'s of 20/40 sand in 518 bbls of Lightning 17 fluid. Broke @ 3524 psi. Treated w/ ave pressure of 1653 psi @ ave rate of 25.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2005 psi. Leave pressure on well. 663 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 10' perf gun. Set plug @ 5700'. Perforate CP1 sds @ 5600- 10' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. RU BJ Services. 1722 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Perforators & dump bail acid. RU BJ Services. 1636 psi on well. Frac CP1 sds w/ 24,630#'s of 20/40 sand in 362 bbls of Lightning 17 fluid. Broke @ 4075 psi. Treated w/ ave pressure of 1906 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1840 psi. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug, 9' & 8' perf gun. Set plug @ 5495'. Perforate LODC sds @ 5379- 88', 5354- 62' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 68 shots. Leave pressure on well. 1025 BWTR.

5/9/2007 Day: 3

Completion

Rigless on 5/8/2007 - RU BJ Services. 635 psi on well. Frac LODC sds w/ 59,848#'s of 20/40 sand in 500 bbls of Lightning 17 fluid. Broke @ 2540 psi. Treated w/ ave pressure of 2479 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 3151 psi. Leave pressure on well. 1525 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 11' perf gun. Set plug @ 5300'. Perforate A3 sds @ 5223- 34' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 44 shots. RU BJ Services. 1290 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Perforators & dump bail acid. RU BJ Services. 140 psi on well. Frac A3 sds w/ 29,710#'s of 20/40 sand in 343 bbls of Lightning 17 fluid. Broke @ 3806 psi. Treated w/ ave pressure of 2106 psi @ ave rate of 24.5 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2287 psi. Leave pressure on well. 1868 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 10' perf gun. Set plug @ 5200'. Perforate A1 sds @ 5140- 50' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. RU BJ Services. 650 psi on well. Frac A1 sds w/ 45,023#'s of 20/40 sand in 417 bbls of Lightning 17 fluid. Broke @ 3750 psi. Treated w/ ave pressure of 1941 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 2350 psi. Leave pressure on well. 2285 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug, 5' & 7' perf gun. Set plug @ 5090'. Perforate B2 sds @ 4985- 90', 4972- 79'

w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. RU BJ Services. 1280 psi on well. Frac B2 sds w/ 49,798#'s of 20/40 sand in 438 bbls of Lightning 17 fluid. Broke @ 2183 psi. Treated w/ ave pressure of 1830 psi @ ave rate of 24.5 BPM. Pumped 504 gals of 15% HCL in flush for Stage #7. ISIP 2020 psi. Leave pressure on well. 2723 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 10' perf gun. Set plug @ 4930'. Perforate C sds @ 4870- 80', 4972- 79' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. RU BJ Services. 370 psi on well. Frac C sds w/ 19,413#'s of 20/40 sand in 293 bbls of Lightning 17 fluid. Broke @ 3124 psi. Treated w/ ave pressure of 2308 psi @ ave rate of 24.6 BPM. Pumped 504 gals of 15% HCL in flush for Stage #7. ISIP 1900 psi. Leave pressure on well. 3016 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug, 10' & 13' perf gun. Set plug @ 4840'. Perforate D3 sds @ 4790- 4800', D2 sds @ 4752- 65' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 92 shots. RU BJ Services. 58 psi on well. Frac D2 & D3 sds w/ 90,249#'s of 20/40 sand in 661 bbls of Lightning 17 fluid. Broke @ 2712 psi. Treated w/ ave pressure of 1959 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #9. ISIP 2039 psi. Leave pressure on well. 3677 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 13' & 6' perf gun. Set plug @ 4335'. Perforate GB6 sds @ 4219- 4232', GB4 sds @ 4148- 54' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 76 shots. RU BJ Services. 1300 psi on well. Frac GB4 & GB6 sds w/ 40,824#'s of 20/40 sand in 382 bbls of Lightning 17 fluid. Broke @ 2139 psi. Treated w/ ave pressure of 1777 psi @ ave rate of 24.9 BPM. ISIP 1940 psi. Begin immediate flow back on 12/64 choke @ 1 BPM. Flowed for 6 hrs & died. Rec. 349 BRF. SIWFN. 3710 BWTR.

5/11/2007 Day: 4

Completion

Western #3 on 5/10/2007 - Open well to pit. Flowed back approx. 20 bbls. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" tbg. from pipe racks to 4270'. Circulate well clean. SWIFN.

5/12/2007 Day: 5

Completion

Western #3 on 5/11/2007 - Bleed off well. RIH w/ tbg. Tag fill @ 4285'. C/O to CBP @ 4335' (50' of fill). DU CBP in 20 min. Cont. RIH w/ tbg. Tag fill @ 4816'. C/O to CBP @ 4840' (24' of fill). DU CBP in 15 min. RIH w/ tbg. Tag @ 4889'. C/O to CBP @ 4930' (41' of fill). DU CBP in 15 min. Cont. RIH w/ tbg. Tag @ 5015'. C/O to CBP @ 5090' (75' of fill). Cont. RIH w/ tbg. Tag @ 5145'. C/O to CBP @ 5200' (55' of fill). DU CBP in 15 min. Cont. RIH w/ tbg. Tag fill @ 5263'. C/O to CBP @ 5300' (37' of fill). DU CBP in 10 min. Cont. RIH w/ tbg. Tag fill @ 5372'. C/O to CBP @ 5495' (123' of fill). DU CBP in 10 min. Cont. RIH w/ tbg. Tag CBP @ 5700' (no fill). DU CBP in 10 min. Circulate well clean. EOT @ 5720'. SWIFN.

5/15/2007 Day: 6

Completion

Western #3 on 5/14/2007 - Bleed off well. RIH w/ tbg. Tag @ 5901'. C/O to PBDT @ 6025' (124' of fill). Circulate well clean. Pull up to 5945'. RU swab. SFL @ surface. Made 13 runs. Recovered 120 bbls. No show of sand. Trace of oil. EFL @ 700'. RD swab. RIH w/ tbg. Tag fill @ 6019'. C/O to PBDT @ 6025'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 1 jt 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC & 185 jts 2 7/8" tbg. ND BOP. Set TAC @ 5851' w/ 16,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. SWIFN.

5/16/2007 Day: 7

Completion

Western #3 on 5/15/2007 - IH w/ CDI 2 1/2" x 1 1/2" x 12' x 15' RHAC pump, 6- 1 1/2" weight bars, 10- 3/4" guided rods, 119- 3/4" slick rods, 99- 3/4" guided rods, 1- 4', 2' x 3/4" pony subs, 1 1/2" x 22' polished rod. Seat pump. RU pumping unit. Hang off rods. Adjust tag. Fill tbg. w/ 2 bbls water. Stroke test to 800 psi. Put well on production @ 12:00 p.m. 74" stroke length, 5 spm. Final Report.

Pertinent Files: Go to File List

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4098'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 181' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 46 sx Class "G" cement down 5 ½" casing to 372'.

The approximate cost to plug and abandon this well is \$42,000.

FEDERAL 14-9-9-16

Spud Date: 03/20/07
 Put on Production: 05/15/07
 GL: 5814' KB: 5826'

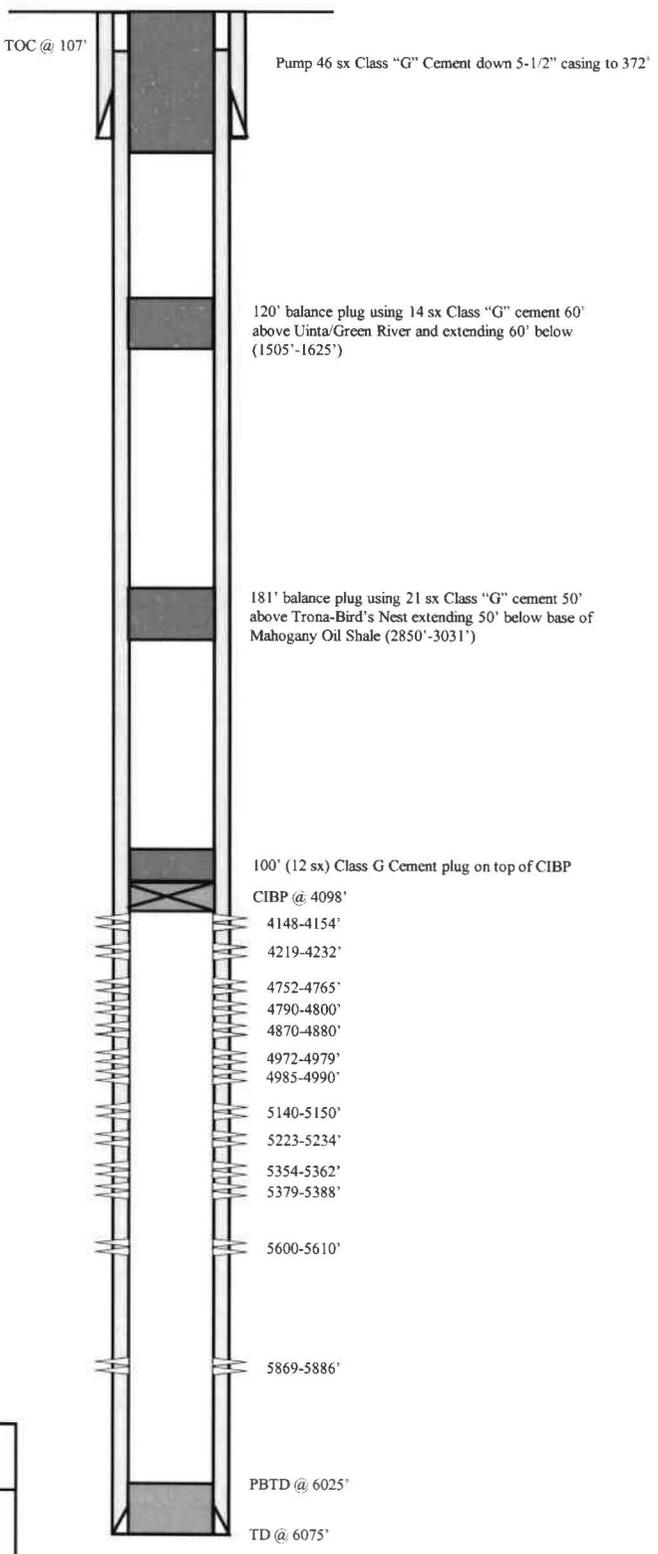
Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7jts (311.85')
 DEPTH LANDED: 321.85'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160sxs Class "G", circ. 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137jts (6072.44')
 DEPTH LANDED: 6070.44'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Premlite II & 450 sxs 50/50 POZ.
 CEMENT TOP: 103' per CBL 4/18/07




FEDERAL 14-9-9-16 718' FSL & 1976' FWL SE/SW Section 9-T9S-R16E Duchesne Co, Utah API #43-013-33053; Lease # UTU-79831